



WRIGHT®

**Work-rated
ELECTRIC WINCHES
CAPACITIES 1/2 TON to 5 TON**

Wright family of "Work-rated" winches is a complete line of electric wire rope winches. It is an advanced design incorporating the most recent materials and concept. Current duty cycle and safety requirements of users are built into this line, not added on.

CONSTRUCTION FEATURES:

CONTROLS: Controls are magnetic reversing type, mechanically and electrically interlocked with 115 volt control circuit. All wiring conforms to applicable NEC and CSA requirements. Included are time delay fuses for branch circuit overcurrent protection and motor running overcurrent protection. NEMA Type 3R enclosures are standard. Cover is lightweight, tough ABS material, deep-drawn for maximum control accessibility. Controls are shipped loose for customer mounting.

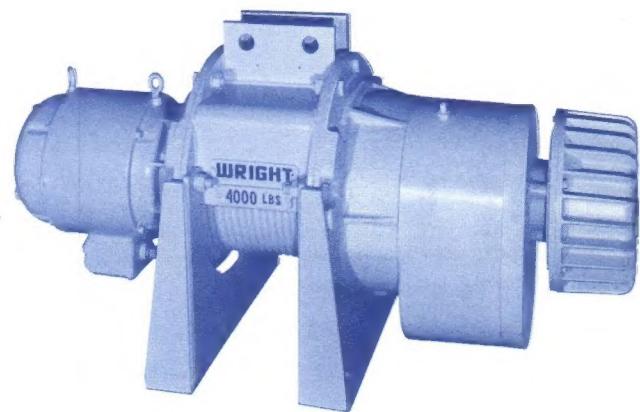
MOTOR: Standard NEMA flange, Class F insulation, 30-minute duty motor is provided for standard commercial power supplies. The motor has a standard NEMA shaft extension.

GEAR TRAIN: Quiet, compact helical gearing and external spur drum gear are enclosed in the same oil-tight housing. All gearing is machine cut, heat-treated alloy steel with shock-resistant ductile cores. Gearing is designed to AGMA standards for maximum life, and operates in an oil bath. Rugged aluminum alloy housing provides rapid heat dissipation.

BEARINGS: Precision heavy-duty ball bearings support all shafts. All bearings are either splash lubricated, or lifetime pre-lubricated and sealed.

DRUM: The large diameter steel drum has deep machined grooves and large flanges. At least two full turns of rope remain on the drum at rated drum winding capacity. Load capacity of each winch is rated at *total* line pull of the lead wire rope off the winch's drum. A single line winch has one lead of wire rope off the drum rated at full capacity. A double line winch has two leads of wire rope off hoist drum with a capacity of one half hoist rated capacity.

MECHANICAL LOAD BRAKE: Automatic Weston-type multiple disc brake can hold a full capacity load independent of motor brake. This brake assures that load does not accelerate while being lowered. No wear compensation adjustment is required.



MOTOR BRAKE: Wright rectified d-c magnet-actuated disc brake has been proved in millions of hours of in-service operation. It delivers rapid stops with minimum or zero hook drift. Series 3200000 thru 3500000 hoist have aluminum alloy brake cover with fins; and brake is separated from gear housing for rapid cooling. This multiple coil brake is rated a minimum of 150% of full load motor torque.

Series 3200000 thru 3500000 hoist also have an exclusive brake-sensing switch that prevents the motor from operating against the brake should brake adjustment be necessary.

OVERLOAD CUTOFF: Exclusive patented Wright unit is not available on winches.

WARNING: Equipment described herein is not designed for, and should not be used for, lifting, supporting, or transporting humans. Modifications to upgrade, rerate, or otherwise alter the hoist equipment shall be authorized only by the original manufacturer or qualified professional engineer. Failure to comply with any one of the limitations noted herein may result in serious bodily injury.



WINCHES

HOW TO SPECIFY A Work-rated WINCH

1. DETERMINE THE CAPACITY, NUMBER OF LINES, LIFTING SPEED, AND WIRE ROPE LEAD OFF POSITION FOR YOUR APPLICATION. Work-rated winches may be reeved in various ways to gain desired mechanical advantages. The chart on the facing page illustrates characteristics of each type of reeving.

Reeving may change capacity, lifting distances, lifting speeds, and cable size.

Reeving terminology is either "single" or "double" which refers to the number of wire ropes coming from the drum.

Another word is "part" which refers to the mechanical advantage gained by multiple reeving. For example, with one part single reeving (1PS), the load is supported by one part of a single rope. By reeving single rope into two parts (2 part single) the load is distributed over the two parts and the mechanical advantage doubles the capacity of one part reeving and reduces by one half the lifting or lowering speed of the hook.

2. SPECIFY WINCH SERVICE CLASSIFICATION. Wright electric winches are Work-rated according to their design capabilities to provide the user with maximum performance for minimum maintenance and down time. See Master Catalog Section 32-A through H for performance specification.

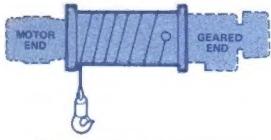
3. SPECIFY PROPER PRODUCT NUMBER in regards to winch capacity, drum winding capacity, lifting speed and hoist control found in following pages.

Winches are grouped by load capacity. All winches are one part single reeved (1PS) in either single or double line models. When dual information is shown, the bold information is for single line winches and smaller information is for double line models.

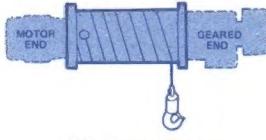
4. SPECIFY EITHER SINGLE LINE OR DOUBLE LINE MODEL.

5. SPECIFY DRUM REEVING ARRANGEMENTS.

SINGLE LINE REEVING ARRANGEMENTS

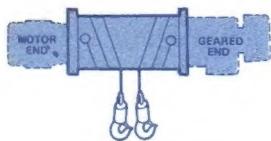


Standard Arrangement

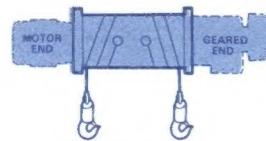


AA Arrangement

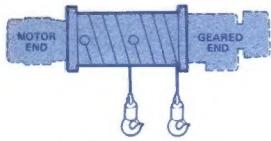
DOUBLE LINE REEVING ARRANGEMENTS



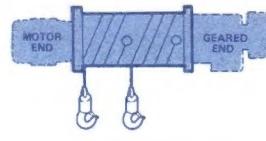
BB Arrangement



CC Arrangement



DD Arrangement

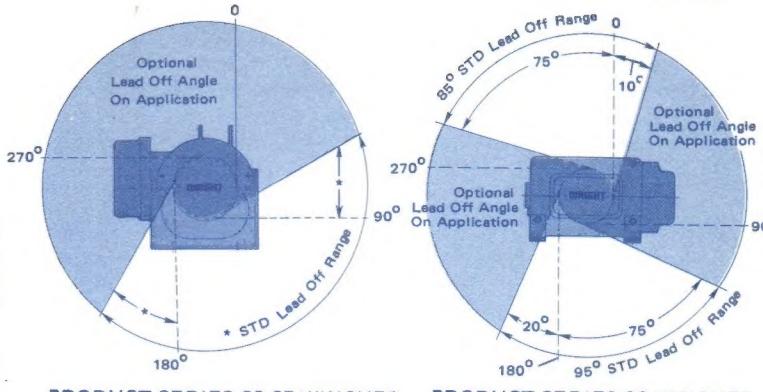


EE Arrangement

Arrangements AA, CC, DD & EE are non-standard. Prices are on application.

6. DETERMINE IF STANDARD LINE LEADOFF ANGLE IS APPROPRIATE. Work-rated winches are designed with a standard range or ranges of leadoff angles. See the above illustration for location of the standard range.

If any of desired leadoff angle falls into optional shaded area, the factory must be consulted for fabrication and additional pricing factors. Specify the desired angle range viewed from the gearing/motor brake end of winch. State angle in EXACT degree clockwise from zero vertical leadoff position as shown. If a range of degrees is required, state both limits in degrees.



PRODUCT SERIES 32-35 WINCHES

PRODUCT SERIES 36 WINCHES

*Angles vary with PRODUCT SERIES. See specific pages for standard angles.

7. SPECIFY THE WIRE ROPE. Work-rated winches are not furnished with wire rope but are available with wire rope as optional equipment. Wire rope on all winches is 6 x 37 preformed. Certain applications may require non rotating cable, 18 x 7 construction. Prices for non rotating cable are available on application. Specify the wire rope by total length, diameter, and desired fittings.

LENGTH. Total length of wire rope is the sum of the following:

- (b) Length for two remaining wraps
- Rated drum winding capacity
- Additional length for reeving
- Total length in feet

(a) Hoist Product Series	(b) Length for 2 Remaining Wraps
32	4'-6"
33	5'-6"
34	6'-7"
35	7'-3"
36	8'-5"

(a) the first two digits of the product number (3330710) is the product series (33)

DIAMETER. Wire rope diameter is given for both single line and double line in top corner of each page. See Section 135 for pricing.

8. SPECIFY CABLE FITTINGS. The drum end (live end) cable fitting is attached to wire rope when supplied from the factory. The cable fitting is designed for easy installation and is swaged on to provide maximum security. See Master Catalog Section for pricing.

The following "DEAD END" cable fittings are available on application:

- Eye Bolt
- Turn Buckle
- Threaded Rod
- Swivel Hook

The "DEAD END" of wire rope may be specified "OPEN" (no fittings) or with any of the above fittings.

9. SPECIFY LOAD BLOCK AND IDLER SHEAVES. Information and data for these items are found in Master Catalog Section 35 "Hoist Accessories and Modifications" in "G Reeving" subdivision.

10. SPECIFY MOTOR VOLTAGE. Wright standard motors are available in 200/230/460/575-3-60 power with class F insulation, and are totally enclosed non-ventilated.

11. CONTROL. Control is furnished as standard equipment. Additional motor and control accessories and modifications are found in Section 35 in "C Motor" and "D Controllers" subdivisions.

Control is shipped loose for customer mounting. If control mounting by ACCO is desired, contact factory for pricing.

Control position shown on the following pages is standard when control is mounted by ACCO. Please note that control mounted to hoist may extend above high point of hoist (or below low point of Product Series 35 wall mounted hoist). Contact factory for control dimensions.

12. SPECIFY PUSH BUTTON STATION. Push button station, drop of cord and strain chain are available as optional equipment. Specify drop of push button, calculated from center line of a winch to center line of the push button. See Section 35, "F Push Button" subdivision for further specifications.

13. SPECIFY LIMIT SWITCHES. Work-rated winches are not furnished with a standard limit switch or an overload cutoff device. Geared limit switch (installed) and power circuit limit switch (shipped loose) are available as optional equipment. A separate gravity limit switch to be actuated by the bottom block or load hook assembly is recommended. Slack line limit switch is available on application. See Section 35, "E" Limit Switches, subdivision for further specifications.



WRIGHT® Work-rated

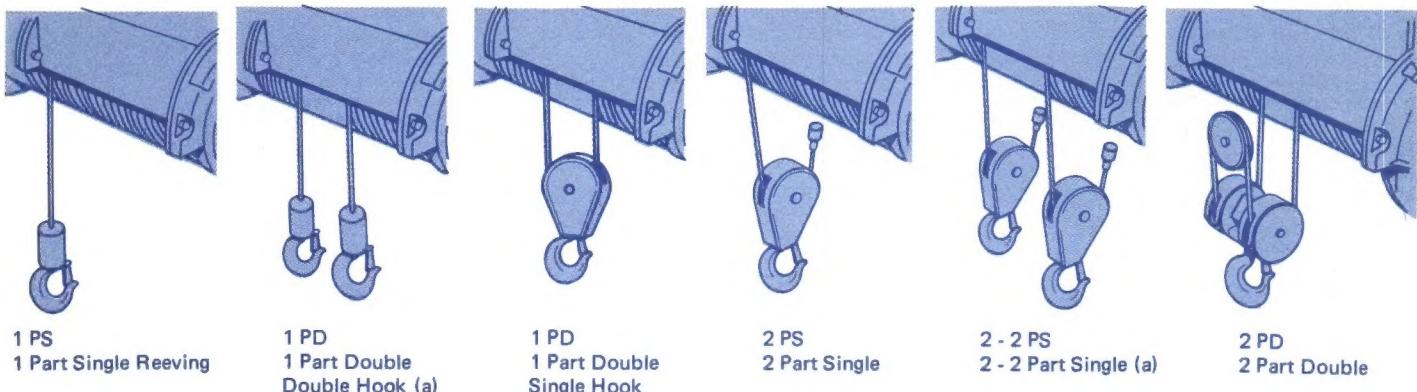
ELECTRIC WINCHES

33-103 Issued 7-1-87

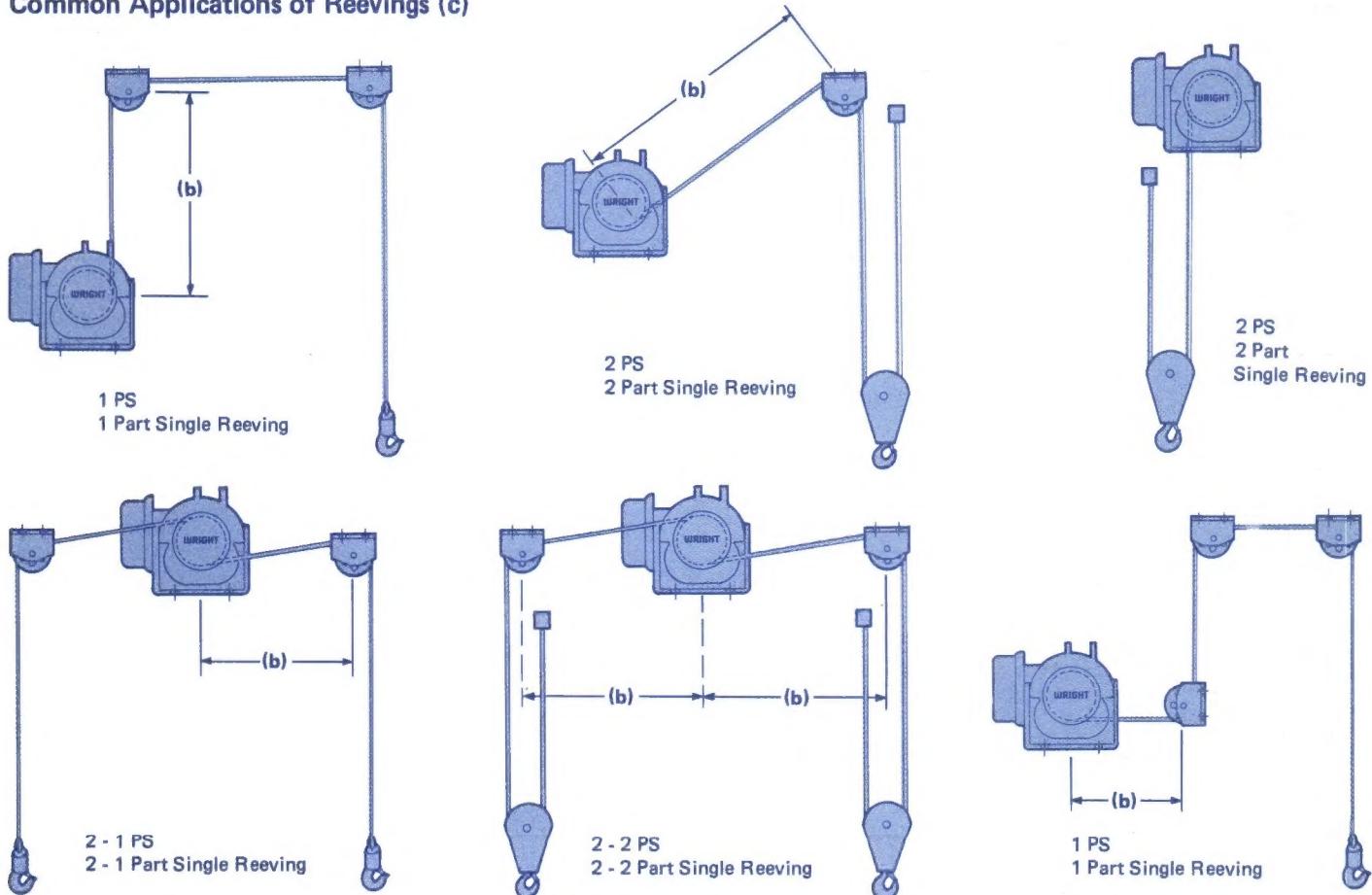
WINCHES

1/2 to 5
TON

Common Types of Reevings



Common Applications of Reevings (c)



- Application involving reeving arrangements of 1 part double, double hook, and 2 - 2 part single may require some provisions be made to adjust for unequal cable strength.
- The location of the first reeving sheave in relation to winch drum centerline is critical and must be located so that a 3.5 degree fleet angle is not exceeded. After selecting proper winch for your application contact factory for information on locating the first reeving sheave.
- Winches used in pulling type applications should be reviewed with the factory to determine if mechanical load brake should be eliminated from winch.

Note: Applications involving the support of suspended loads for prolonged periods of time should be provided with a separate means to support the load. Load should not remain suspended from the winch mechanism.

A separate gravity limit switch to be actuated by the bottom block or load hook assembly is recommended.

PRODUCT NUMBERS AND CLEARANCES

Drum (a) Winding Capacity	Mtg. Winch Control	Wire Rope Speed	60 60-20 60			90 90-30 90			120 120-40 120			DD	EE	
			Single Speed	Two Speed	Variable Speed	Single Speed	Two Speed	Variable Speed	Single Speed	Two Speed	Variable Speed			
			Mtg. HP	2	2-2/3	2	3	3-1	3	4	4-1-1/3	4		
54 H3	Base Wall B C					3241130 3248820 3241140 3242630 3248940 3242640 27-3/8 25-3/8 28-1/2 27-5/8 27-5/8 27-5/8				3241250 3241260 3241270 3242750 3242760 3242770 25-3/8 27-3/8 25-3/8 27-5/8 27-5/8 27-5/8			7-5/8 7-3/4	
													7-5/8 7-3/4	
54 H4	Base Wall B C		3240950 3240960 3240970 3242450 3242460 3242470 25-3/8 25-3/8 25-3/8 27-5/8 27-5/8 27-5/8										7-5/8 7-3/4	
76 30 H3	Base Wall B C					3241150 3248830 3241160 3242650 3248950 3242660 29-3/8 27-3/8 30-1/2 29-5/8 29-5/8 29-5/8				3241280 3241290 3241300 3242780 3242790 3242800 27-3/8 29-3/8 27-3/8 29-5/8 29-5/8 29-5/8			9-5/8 9-3/4	
76 30 H4	Base Wall B C		3240980 3240990 3241000 3242480 3242490 3242500 27-3/8 27-3/8 27-3/8 29-5/8 29-5/8 29-5/8										9-5/8 9-3/4	
104 48 H3	Base Wall B C					3241170 3248840 3241180 3242670 3248960 3242680 31-7/8 29-7/8 33 32-1/8 32-1/8 32-1/8				3241310 3241320 3241330 3242810 3242820 3242830 29-7/8 31-7/8 29-7/8 32-1/8 32-1/8 32-1/8			12-1/8 12-1/4	
104 48 H4	Base Wall B C		3241010 3241020 3241030 3242510 3242520 3242530 29-7/8 29-7/8 29-7/8 32-1/8 32-1/8 32-1/8										12-1/8 12-1/4	
132 64 H3	Base Wall B C					3241190 3248850 3241200 3242690 3248970 3242700 34-3/8 32-3/8 35-1/2 34-5/8 34-5/8 34-5/8				3241340 3241350 3241360 3242840 3242850 3242860 32-3/8 34-3/8 32-3/8 34-5/8 34-5/8 34-5/8			14-5/8 14-3/4	
132 64 H4	Base Wall B C		3241040 3241050 3241060 3242540 3242550 3242560 32-3/8 32-3/8 32-3/8 34-5/8 34-5/8 34-5/8										14-5/8 14-3/4	
160 81 H3	Base Wall B C					3241210 3248860 3241220 3242710 3248980 3242720 36-7/8 34-7/8 38 37-1/8 37-1/8 37-1/8				3241370 3241380 3241390 3242870 3242880 3242890 34-7/8 36-7/8 34-7/8 37-1/8 37-1/8 37-1/8			17-1/8 17-1/4	
160 81 H4	Base Wall B C		3241070 3241080 3241090 3242570 3242580 3242590 34-7/8 34-7/8 34-7/8 37-1/8 37-1/8 37-1/8										17-1/8 17-1/4	
221 118 H3	Base Wall B C					3241230 3248870 3241240 3242730 3248990 3242740 42-3/8 40-3/8 43-1/2 42-5/8 42-5/8 42-5/8				3241400 3241410 3241420 3242900 3242910 3242920 40-3/8 42-3/8 40-3/8 42-5/8 42-5/8 42-5/8			22-5/8 22-3/4	
221 118 H4	Base Wall B C		3241100 3241110 3241120 3242600 3242610 3242620 40-3/8 40-3/8 40-3/8 42-5/8 42-5/8 42-5/8										22-5/8 22-3/4	

All dimensions shown in inches.

Controls are shipped loose, mounting and final wiring by others at destination.

(a) Maximum drum winding capacity is given with two remaining wraps of rope on drum.
Drum winding capacities shown in smaller type are for double line winch.

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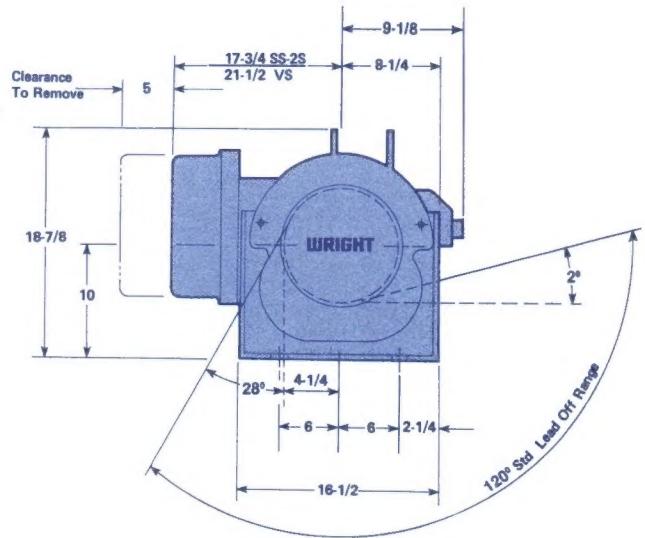
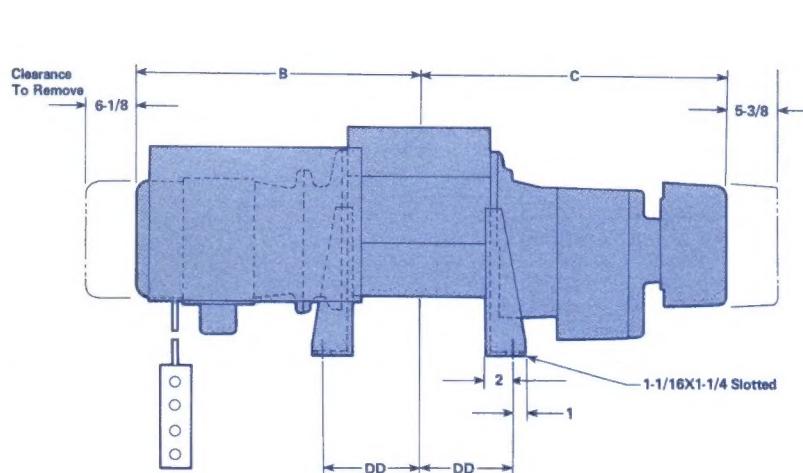


**WRIGHT® Work-rated
ELECTRIC WINCHES**

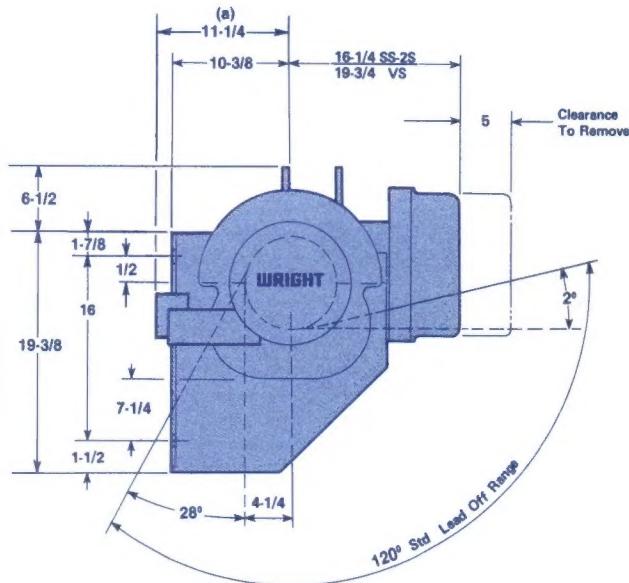
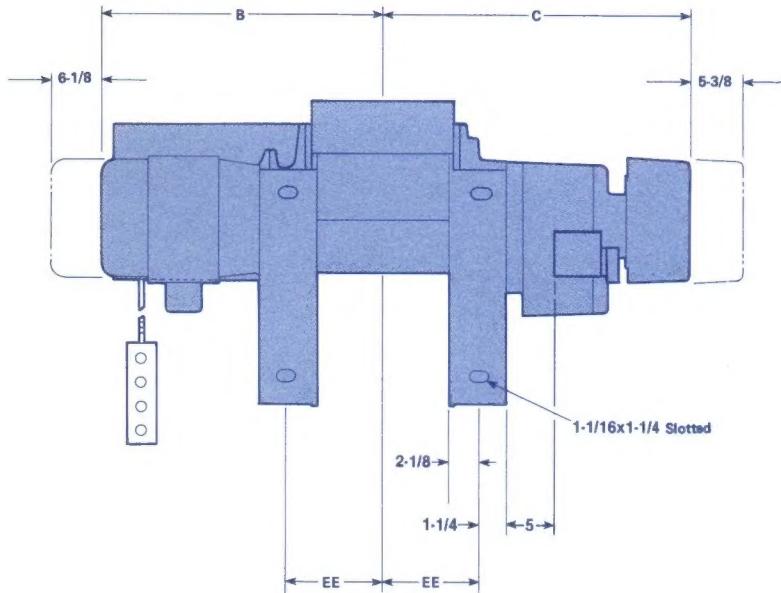
33-105 Issued 7-1-87

WINCHES
SINGLE LINE – WIRE ROPE SIZE-5/16"
DOUBLE LINE – WIRE ROPE SIZE-1/4"

**1/2
TON**



BASE MOUNTING



WALL MOUNTING

See facing page for additional dimensions. All dimensions shown in inches.

See page 33-102 for additional important information.

(a) Optional two circuit geared limit switch shown. Add 1" for optional four circuit switch.

**3/4
TON****WINCHES****SINGLE LINE – WIRE ROPE SIZE-5/16"****DOUBLE LINE – WIRE ROPE SIZE-1/4"**

33-106

Drum (a) Winding Capacity		Mtg.	Wire Rope Speed	PRODUCT NUMBERS AND CLEARANCES						DD	EE	
				60			80					
				Winch Control	Single Speed	Two Speed	Variable Speed	Single Speed	Two Speed	Variable Speed		
HP	3	3-1	3		4	4-1-1/3	4					
54 H3	Base Wall	B C	3241430	3241440	3241450	3241610	3248880	3241620	7-5/8	7-3/4		
			3242930	3242940	3242950	3243110	3249000	3243120				
			25-3/8	25-3/8	25-3/8	25-3/8	27-3/8	25-3/8				
76 32 H3	Base Wall	B C	3241460	3241470	3241480	3241630	3248890	3241640	9-5/8	9-3/4		
			3242960	3242970	3242980	3243130	3249010	3243140				
			27-3/8	27-3/8	27-3/8	27-3/8	29-3/8	27-3/8				
104 48 H3	Base Wall	B C	3241490	3241500	3241510	3241650	3248900	3241660	12-1/8	12-1/4		
			3242990	3243000	3243010	3243150	3249020	3243160				
			29-7/8	29-7/8	29-7/8	29-7/8	31-7/8	29-7/8				
132 64 H3	Base Wall	B C	3241520	3241530	3241540	3241670	3248910	3241680	14-5/8	14-3/4		
			3243020	3243030	3243040	3243170	3249030	3243180				
			32-3/8	32-3/8	32-3/8	32-3/8	34-3/8	32-3/8				
160 81 H3	Base Wall	B C	3241550	3241560	3241570	3241690	3248920	3241700	17-1/8	17-1/4		
			3243050	3243060	3243070	3243190	3249040	3243200				
			34-7/8	34-7/8	34-7/8	34-7/8	36-7/8	34-7/8				
221 118 H3	Base Wall	B C	3241580	3241590	3241600	3241710	3248930	3241720	22-5/8	22-3/4		
			3243080	3243090	3243100	3243210	3249050	3243220				
			40-3/8	40-3/8	40-3/8	40-3/8	42-3/8	40-3/8				
			42-5/8	42-5/8	42-5/8	42-5/8	42-5/8	42-5/8				

All dimensions in inches.

Controls are shipped loose, mounting and final wiring by others at destination.

(a) Maximum drum winding capacity is given with two remaining wraps of rope on drum.
Drum winding capacities shown in smaller type are for double line winch.

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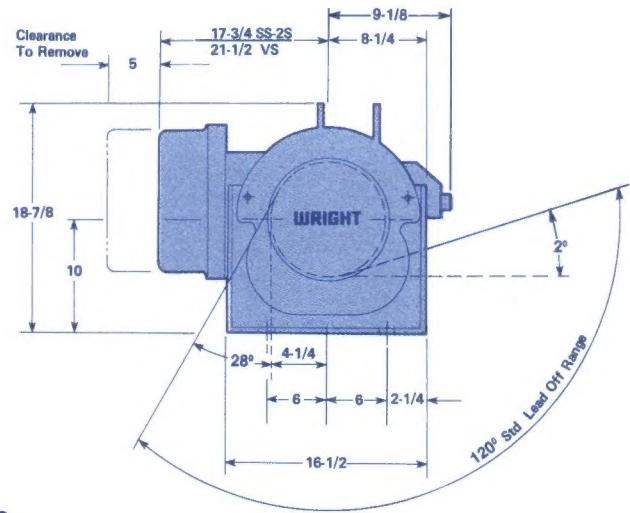
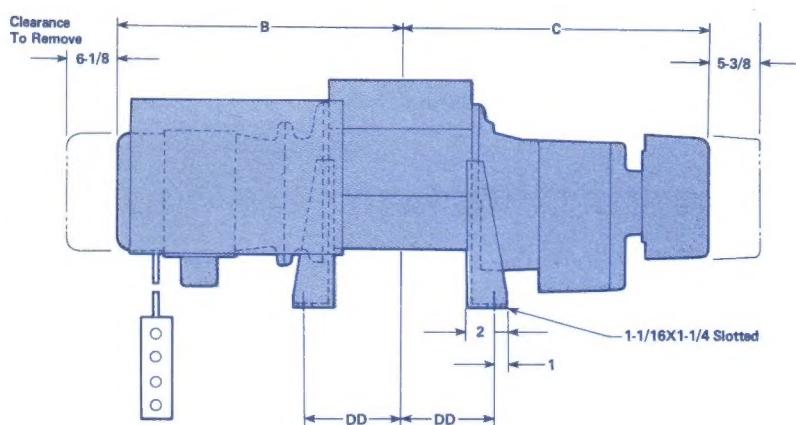


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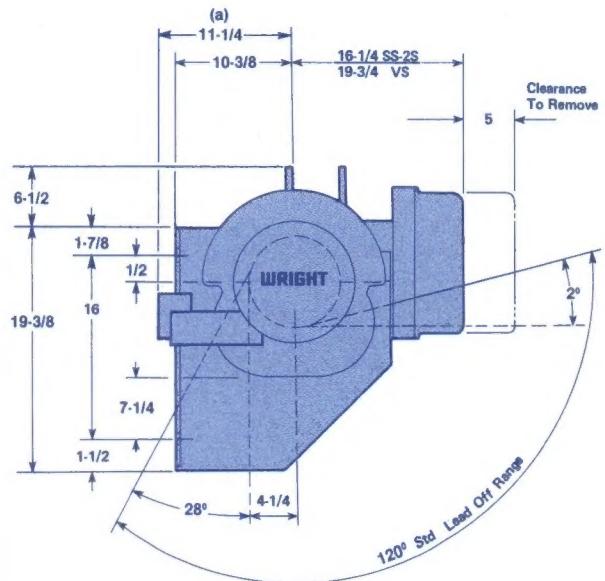
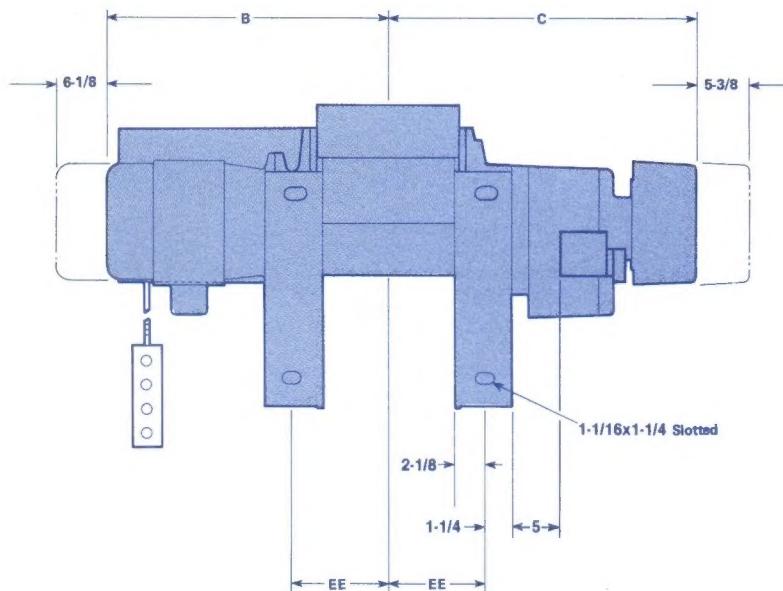
33-107 Issued 7-1-87

WINCHES
SINGLE LINE – WIRE ROPE SIZE-5/16"'
DOUBLE LINE – WIRE ROPE SIZE-1/4"

**3/4
TON**



BASE MOUNTING



WALL MOUNTING

See facing page for additional dimensions. All dimensions shown in inches.

See page 33-102 for additional important information.

(a) Optional two circuit geared limit switch shown. Add 1" for optional four circuit switch.

**1
TON****WINCHES****SINGLE LINE – WIRE ROPE SIZE-3/8"****DOUBLE LINE – WIRE ROPE SIZE-1/4"**

33-108

PRODUCT NUMBERS AND CLEARANCES

Drum (a) Winding Capacity	Mtg.	Wire Rope Speed	44 44-15 44			60 60-20 60			DD EE	
			Winch Control	Single Speed	Two Speed	Variable Speed	Single Speed	Two Speed		
				HP	3	3-1	3	4	4-1-1/3	4
42	H3	Base Wall	3241910 3241920 3241930 3243410 3243420 3243430 B 25-3/8 25-3/8 25-3/8 C 27-5/8 27-5/8 27-5/8	3242090 3242100 3242110 3243590 3243600 3243610 25-3/8 27-3/8 25-3/8 27-5/8 27-5/8 27-5/8	3242090 3242100 3242110 3243590 3243600 3243610 25-3/8 27-3/8 25-3/8 27-5/8 27-5/8 27-5/8	3242090 3242100 3242110 3243590 3243600 3243610 25-3/8 27-3/8 25-3/8 27-5/8 27-5/8 27-5/8	7-5/8	7-3/4		
60		Base Wall	3241940 3241950 3241960 3243440 3243450 3243460 B 27-3/8 27-3/8 27-3/8 C 29-5/8 29-5/8 29-5/8	3242120 3242130 3242140 3243620 3243630 3243640 27-3/8 29-3/8 27-3/8 29-5/8 29-5/8 29-5/8	3242120 3242130 3242140 3243620 3243630 3243640 27-3/8 29-3/8 27-3/8 29-5/8 29-5/8 29-5/8	3242120 3242130 3242140 3243620 3243630 3243640 27-3/8 29-3/8 27-3/8 29-5/8 29-5/8 29-5/8	9-5/8	9-3/4		
48		Base Wall	3241970 3241980 3241990 3243470 3243480 3243490 B 29-7/8 29-7/8 29-7/8 C 32-1/8 32-1/8 32-1/8	3242150 3242160 3242170 3243650 3243660 3243670 29-7/8 31-7/8 29-7/8 32-1/8 32-1/8 32-1/8	3242150 3242160 3242170 3243650 3243660 3243670 29-7/8 31-7/8 29-7/8 32-1/8 32-1/8 32-1/8	3242150 3242160 3242170 3243650 3243660 3243670 29-7/8 31-7/8 29-7/8 32-1/8 32-1/8 32-1/8	12-1/8	12-1/4		
105	H3	Base Wall	3242000 3242010 3242020 3243500 3243510 3243520 B 32-3/8 32-3/8 32-3/8 C 34-5/8 34-5/8 34-5/8	3242180 3242190 3242200 3243680 3243690 3243700 32-3/8 34-3/8 32-3/8 34-5/8 34-5/8 34-5/8	3242180 3242190 3242200 3243680 3243690 3243700 32-3/8 34-3/8 32-3/8 34-5/8 34-5/8 34-5/8	3242180 3242190 3242200 3243680 3243690 3243700 32-3/8 34-3/8 32-3/8 34-5/8 34-5/8 34-5/8	14-5/8	14-3/4		
64		Base Wall	3242030 3242040 3242050 3243530 3243540 3243550 B 34-7/8 34-7/8 34-7/8 C 37-1/8 37-1/8 37-1/8	3242210 3242220 3242230 3243710 3243720 3243730 34-7/8 36-7/8 34-7/8 37-1/8 37-1/8 37-1/8	3242210 3242220 3242230 3243710 3243720 3243730 34-7/8 36-7/8 34-7/8 37-1/8 37-1/8 37-1/8	3242210 3242220 3242230 3243710 3243720 3243730 34-7/8 36-7/8 34-7/8 37-1/8 37-1/8 37-1/8	17-1/8	17-1/4		
81		Base Wall	3242060 3242070 3242080 3243560 3243570 3243580 B 40-3/8 40-3/8 40-3/8 C 42-5/8 42-5/8 42-5/8	3242240 3242250 3242260 3243740 3243750 3243760 40-3/8 42-3/8 40-3/8 42-5/8 42-5/8 42-5/8	3242240 3242250 3242260 3243740 3243750 3243760 40-3/8 42-3/8 40-3/8 42-5/8 42-5/8 42-5/8	3242240 3242250 3242260 3243740 3243750 3243760 40-3/8 42-3/8 40-3/8 42-5/8 42-5/8 42-5/8	22-5/8	22-3/4		
175	H3	Base Wall	3242060 3242070 3242080 3243560 3243570 3243580 B 40-3/8 40-3/8 40-3/8 C 42-5/8 42-5/8 42-5/8	3242240 3242250 3242260 3243740 3243750 3243760 40-3/8 42-3/8 40-3/8 42-5/8 42-5/8 42-5/8	3242240 3242250 3242260 3243740 3243750 3243760 40-3/8 42-3/8 40-3/8 42-5/8 42-5/8 42-5/8	3242240 3242250 3242260 3243740 3243750 3243760 40-3/8 42-3/8 40-3/8 42-5/8 42-5/8 42-5/8	22-5/8	22-3/4		
118		Base Wall	3242060 3242070 3242080 3243560 3243570 3243580 B 40-3/8 40-3/8 40-3/8 C 42-5/8 42-5/8 42-5/8	3242240 3242250 3242260 3243740 3243750 3243760 40-3/8 42-3/8 40-3/8 42-5/8 42-5/8 42-5/8	3242240 3242250 3242260 3243740 3243750 3243760 40-3/8 42-3/8 40-3/8 42-5/8 42-5/8 42-5/8	3242240 3242250 3242260 3243740 3243750 3243760 40-3/8 42-3/8 40-3/8 42-5/8 42-5/8 42-5/8	22-5/8	22-3/4		

All dimensions in inches.

Controls are shipped loose, mounting and final wiring by others at destination.

(a) Maximum drum winding capacity is given with two remaining wraps of rope on drum.
Drum winding capacities shown in smaller type are for double line winch.

WARNING: Equipment described herein is not designed for, and should not be used for, lifting, supporting, or transporting humans. Modifications to upgrade, rerate, or otherwise alter the hoist equipment shall be authorized only by the original manufacturer or qualified professional engineer. Failure to comply with any one of the limitations noted herein may result in serious bodily injury.



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ELECTRIC WINCHES**

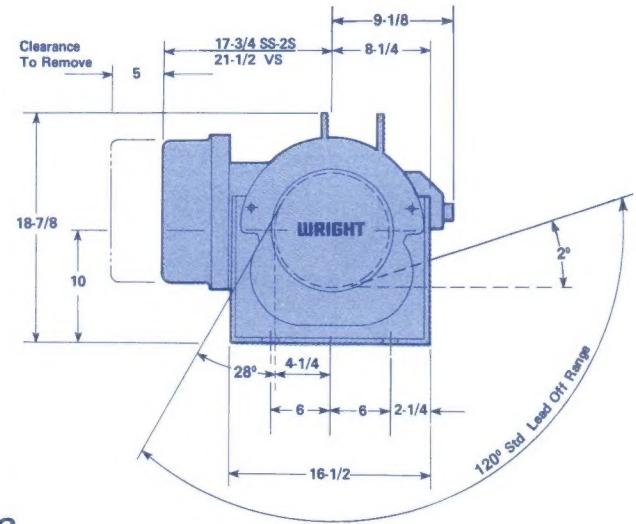
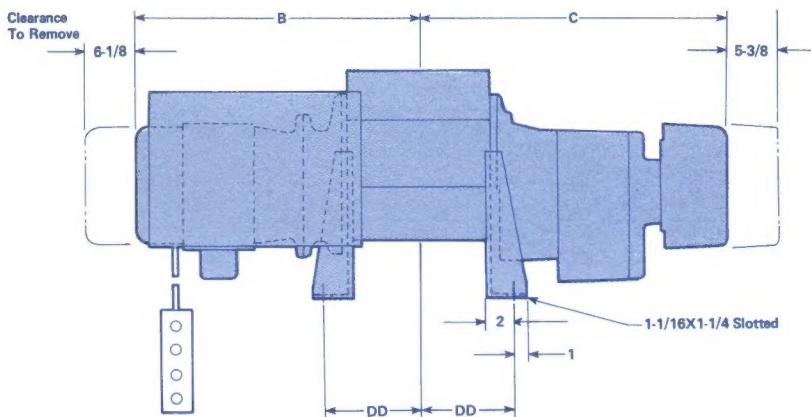
33-109 Issued 7-1-87

WINCHES

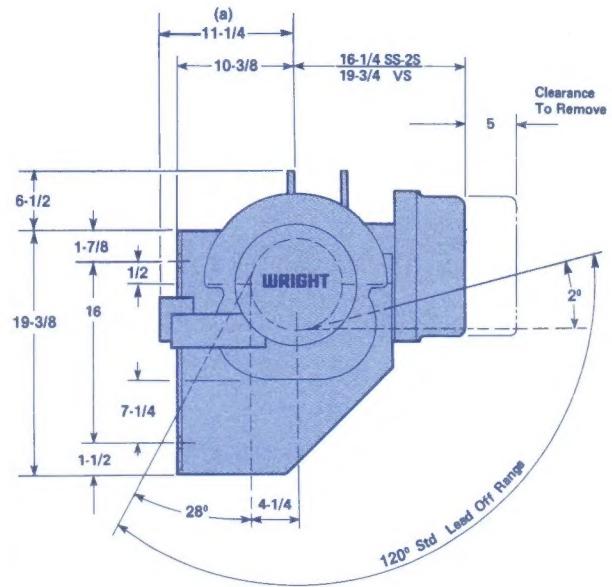
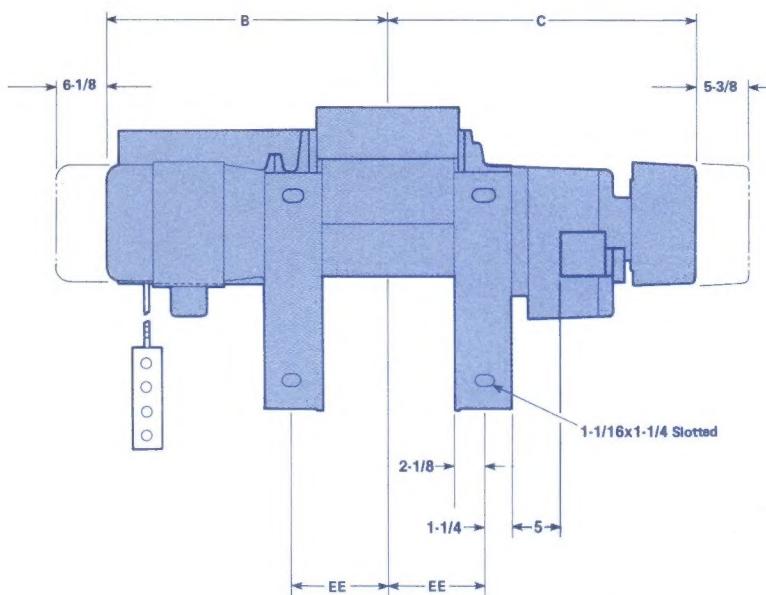
SINGLE LINE – WIRE ROPE SIZE-3/8"

DOUBLE LINE – WIRE ROPE SIZE-1/4"

**1
TON**



BASE MOUNTING



WALL MOUNTING

See facing page for additional dimensions. All dimensions shown in inches.

See page 33-102 for additional important information.

(a) Optional two circuit geared limit switch shown. Add 1" for optional four circuit switch.

1
TON

WINCHES

SINGLE LINE – WIRE ROPE SIZE-3/8"

DOUBLE LINE – WIRE ROPE SIZE-1/4"

33-110

PRODUCT NUMBERS AND CLEARANCES

Drum (a) Winding Capacity	Mtg.	Wire Rope Speed	60 60-20 60			90 90-30 90			DD	EE	
			Winch Control	Single Speed	Two Speed	Variable Speed	Single Speed	Two Speed			
				HP	4	4-1-1/3	6-1/4	6-1/4-2			
39 H3	Base Wall	B C					3346670 3347570 24-3/8 28-1/8	3346730 3347630 27-3/4 28-1/8	3346790 3347690 26-1/2 28-1/8	6-3/8	7-3/8
39 H4	Base Wall	B C		3346310 3347210 24-3/8 28-1/8	3346370 3347270 25-1/2 28-1/8	3346430 3347330 24-3/8 28-1/8				6-3/8	7-3/8
64 H3	Base Wall	B C					3346680 3347580 26-5/8 30-3/8	3346740 3347640 30 30-3/8	3346800 3347700 28-3/4 30-3/8	8-5/8	9-5/8
64 H4	Base Wall	B C		3346320 3347220 26-5/8 30-3/8	3346380 3347280 27-3/4 30-3/8	3346440 3347340 26-5/8 30-3/8				8-5/8	9-5/8
105 65 H3	Base Wall	B C					3346690 3347590 30-3/8 34-1/8	3346750 3347650 33-3/4 34-1/8	3346810 3347710 32-1/2 34-1/8	12-3/8	13-3/8
105 65 H4	Base Wall	B C		3346330 3347230 30-3/8 34-1/8	3346390 3347290 31-1/2 34-1/8	3346450 3347350 30-3/8 34-1/8				12-3/8	13-3/8
142 94 H3	Base Wall	B C					3346700 3347600 33-7/8 37-5/8	3346760 3347660 37-1/4 37-5/8	3346820 3347720 36 37-5/8	15-7/8	16-7/8
142 94 H4	Base Wall	B C		3346340 3347240 33-7/8 37-5/8	3346400 3347300 35 37-5/8	3346460 3347360 33-7/8 37-5/8				15-7/8	16-7/8
177 118 H3	Base Wall	B C					3346710 3347610 36-7/8 40-5/8	3346770 3347670 40-1/4 40-5/8	3346830 3347730 39 40-5/8	18-7/8	19-7/8
177 118 H4	Base Wall	B C		3346350 3347250 36-7/8 40-5/8	3346410 3347310 38 40-5/8	3346470 3347370 36-7/8 40-5/8				18-7/8	19-7/8
226 155 H3	Base Wall	B C					3346720 3347620 41-3/8 45-1/8	3346780 3347680 44-3/4 45-1/8	3346840 3347740 43-1/2 45-1/8	23-3/8	24-3/8
226 155 H4	Base Wall	B C		3346360 3347260 41-3/8 45-1/8	3346420 3347320 42-1/2 45-1/8	3346480 3347380 41-3/8 45-1/8				23-3/8	24-3/8

All dimensions in inches.

Controls are shipped loose, mounting and final wiring by others at destination.

(a) Maximum drum winding capacity is given with two remaining wraps of rope on drum.
Drum winding capacities shown in smaller type are for double line winch.

WARNING: Equipment described herein is not designed for, and should not be used for, lifting, supporting, or transporting humans. Modifications to upgrade, rerate, or otherwise alter the hoist equipment shall be authorized only by the original manufacturer or qualified professional engineer. Failure to comply with any one of the limitations noted herein may result in serious bodily injury.

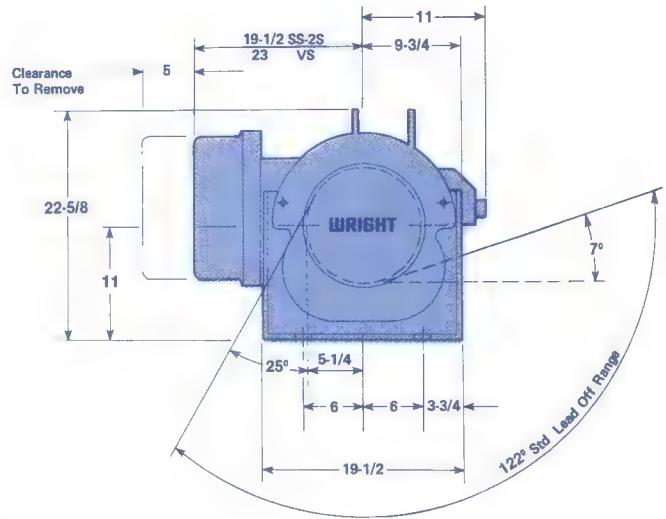
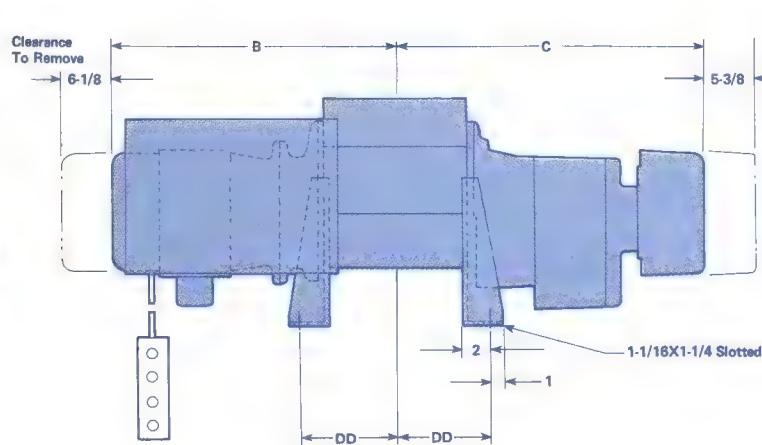


**WRIGHT® Work-rated
ELECTRIC WINCHES**

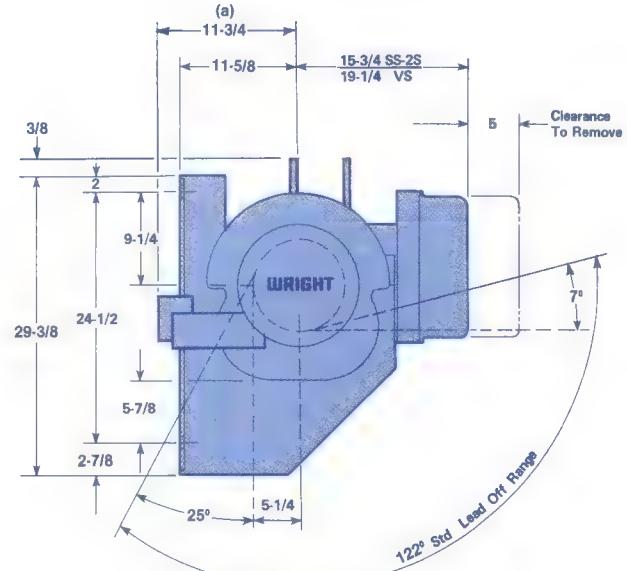
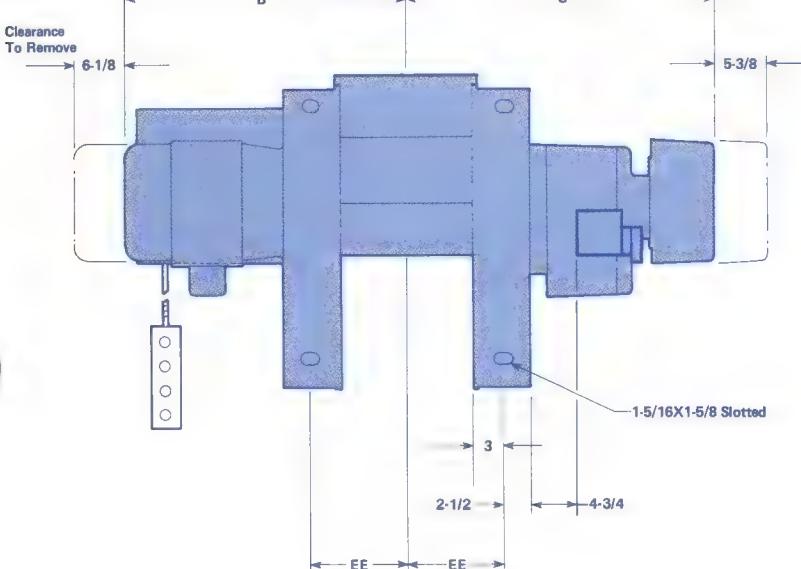
33-111 Issued 7-1-87

WINCHES
SINGLE LINE – WIRE ROPE SIZE-3/8"“
DOUBLE LINE – WIRE ROPE SIZE-1/4"“

**1
TON**



BASE MOUNTING



WALL MOUNTING

See facing page for additional dimensions. All dimensions shown in inches.

See page 33-102 for additional important information.

(a) Optional two circuit geared limit switch shown. Add 1" for optional four circuit switch.

**1 1/2
TON****WINCHES****SINGLE LINE – WIRE ROPE SIZE-7/16"****DOUBLE LINE – WIRE ROPE SIZE-5/16"**

33-112

PRODUCT NUMBERS AND CLEARANCES

Drum (a) Winding Capacity	Mtg.	Wire Rope Speed	44 44-15 44			60 60-20 60			DD EE	
			Winch Control	Single Speed	Two Speed	Variable Speed	Single Speed	Two Speed		
			HP	5	5-1-2/3	5	6-1/4	6-1/4-2		
36 H3		Base Wall	3346850	3346910	3346970	3347030	3347090	3347150	6-3/8	7-3/8
			3347750	3347810	3347870	3347930	3347990	3348050		
			B 24-3/8 28-1/8	25-1/2 28-1/8	24-3/8 28-1/8	24-3/8 28-1/8	27-3/4 28-1/8	26-1/2 28-1/8		
59 H3		Base Wall	3346860	3346920	3346980	3347040	3347100	3347160	8-5/8	9-5/8
			3347760	3347820	3347880	3347940	3348000	3348060		
			B 26-5/8 30-3/8	27-3/4 30-3/8	26-5/8 30-3/8	26-5/8 30-3/8	30 30-3/8	28-3/4 30-3/8		
100 48 H3		Base Wall	3346870	3346930	3346990	3347050	3347110	3347170	12-3/8	13-3/8
			3347770	3347830	3347890	3347950	3348010	3348070		
			B 30-3/8 34-1/8	31-1/2 34-1/8	30-3/8 34-1/8	30-3/8 34-1/8	33-3/4 34-1/8	32-1/2 34-1/8		
134 72 H3		Base Wall	3346880	3346940	3347000	3347060	3347120	3347180	15-7/8	16-7/8
			3347780	3347840	3347900	3347960	3348020	3348080		
			B 33-7/8 37-5/8	35 37-5/8	33-7/8 37-5/8	33-7/8 37-5/8	37-1/4 37-5/8	36 37-5/8		
165 93 H3		Base Wall	3346890	3346950	3347010	3347070	3347130	3347190	18-7/8	19-7/8
			3347790	3347850	3347910	3347970	3348030	3348090		
			B 36-7/8 40-5/8	38 40-5/8	36-7/8 40-5/8	36-7/8 40-5/8	40-1/4 40-5/8	39 40-5/8		
211 124 H3		Base Wall	3346900	3346960	3347020	3347080	3347140	3347200	23-3/8	24-3/8
			3347800	3347860	3347920	3347980	3348040	3348100		
			B 41-3/8 45-1/8	42-1/2 45-1/8	41-3/8 45-1/8	41-3/8 45-1/8	44-3/4 45-1/8	43-1/2 45-1/8		

All dimensions in inches.

Controls are shipped loose, mounting and final wiring by others at destination.

(a) Maximum drum winding capacity is given with two remaining wraps of rope on drum.
Drum winding capacities shown in smaller type are for double line winch.

WARNING: Equipment described herein is not designed for, and should not be used for, lifting, supporting, or transporting humans. Modifications to upgrade, rerate, or otherwise alter the hoist equipment shall be authorized only by the original manufacturer or qualified professional engineer. Failure to comply with any one of the limitations noted herein may result in serious bodily injury.

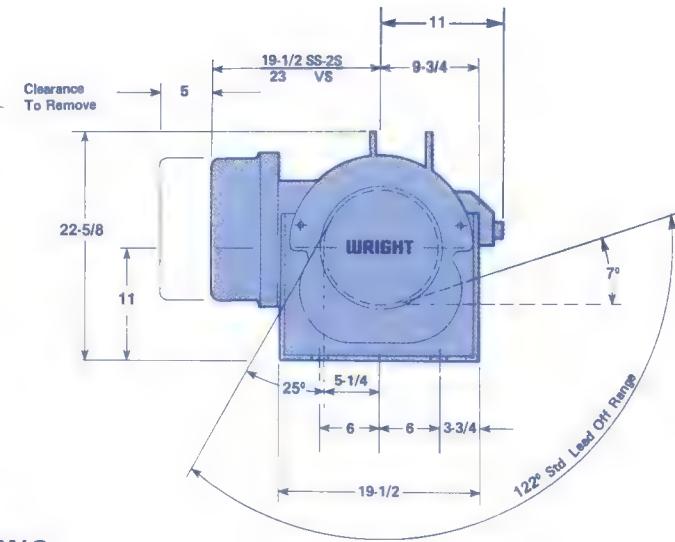
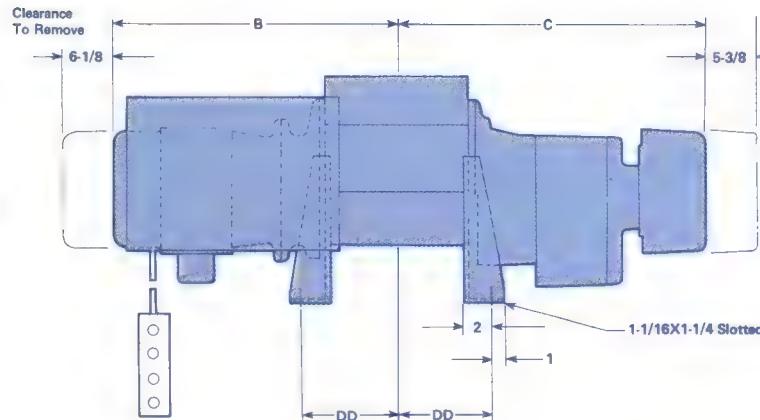


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ELECTRIC WINCHES

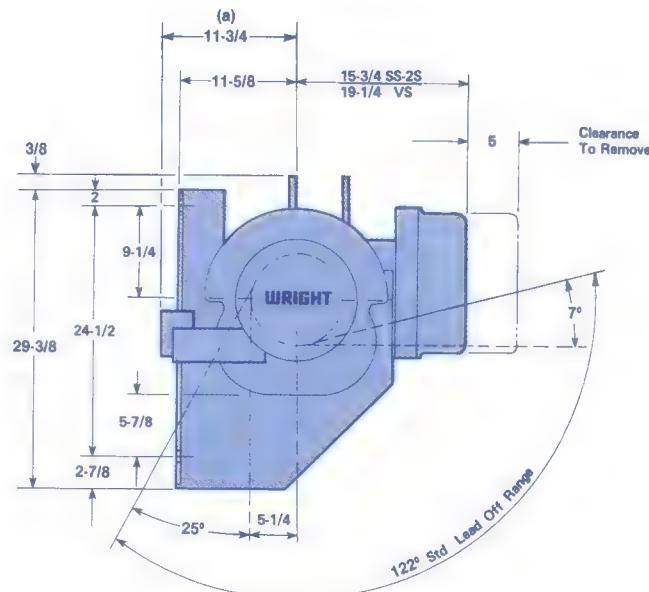
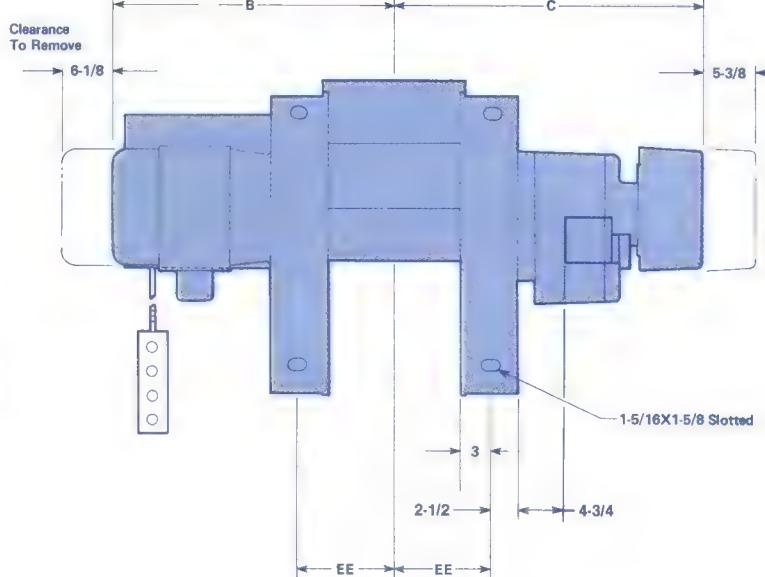
33-113 Issued 7-1-87

WINCHES
SINGLE LINE – WIRE ROPE SIZE 7/16"
DOUBLE LINE – WIRE ROPE SIZE 5/16"

1 1/2
TON



BASE MOUNTING



WALL MOUNTING

See facing page for additional dimensions. All dimensions shown in inches.

See page 33-102 for additional important information.

(a) Optional two circuit geared limit switch shown. Add 1" for optional four circuit switch.

**1 1/2
TON****WINCHES****SINGLE LINE – WIRE ROPE SIZE-7/16"****DOUBLE LINE – WIRE ROPE SIZE-5/16"**

33-114

PRODUCT NUMBERS AND CLEARANCES

Drum (a) Winding Capacity	Mtg.	Wire Rope Speed	80 80-27 80			100 100-33 100			DD	EE	
			Winch Control	Single Speed	Two Speed	Variable Speed	Single Speed	Two Speed			
			HP	10	10-3-1/3	10	15	15-5			
43 H3	Base Wall	B C					3457610 3458870 28-5/8 28-7/8	3457680 3458940 30-5/8 28-7/8	3457750 3459010 30-5/8 28-7/8	6-7/8	7-7/8
43 H4	Base Wall	B C	3457400 3458660 25-1/2 28-7/8	3457470 3458730 30-5/8 28-7/8	3457540 3458800 30-5/8 28-7/8				6-7/8	7-7/8	
71 H3	Base Wall	B C					3457620 3458880 30-7/8 31-1/8	3457690 3458950 32-7/8 31-1/8	3457760 3459020 32-7/8 31-1/8	9-1/8	10-1/8
71 H4	Base Wall	B C	3457410 3458670 27-3/4 31-1/8	3457480 3458740 32-7/8 31-1/8	3457550 3458810 32-7/8 31-1/8				9-1/8	10-1/8	
111 41 H3	Base Wall	B C					3457630 3458890 34-1/8 34-3/8	3457700 3458960 36-1/8 34-3/8	3457770 3459030 36-1/8 34-3/8	12-3/8	13-3/8
111 41 H4	Base Wall	B C	3457420 3458680 31 34-3/8	3457490 3458750 36-1/8 34-3/8	3457560 3458820 36-1/8 34-3/8				12-3/8	13-3/8	
160 68 H3	Base Wall	B C					3457640 3458900 38-1/8 38-3/8	3457710 3458970 40-1/8 38-3/8	3457780 3459040 40-1/8 38-3/8	16-3/8	17-3/8
160 68 H4	Base	B C	3457430 3458690 35 38-3/8	3457500 3458760 40-1/8 38-3/8	3457570 3458830 40-1/8 38-3/8				16-3/8	17-3/8	
221 100 H3	Base Wall	B C					3457650 3458910 43-1/8 43-3/8	3457720 3458980 45-1/8 43-3/8	3457790 3459050 45-1/8 43-3/8	21-3/8	22-3/8
221 100 H4	Base Wall	B C	3457440 3458700 40 43-3/8	3457510 3458770 45-1/8 43-3/8	3457580 3458840 45-1/8 43-3/8				21-3/8	22-3/8	
282 133 H3	Base Wall	B C					3457660 3458920 48-1/8 48-3/8	3457730 3458990 50-1/8 48-3/8	3457800 3459060 50-1/8 48-3/8	26-3/8	27-3/8
282 133 H4	Base Wall	B C	3457450 45 48-3/8	3457520 50-1/8 48-3/8	3457590 50-1/8 48-3/8				26-3/8	27-3/8	

All dimensions in inches.

Controls are shipped loose, mounting and final wiring by others at destination.

(a) Maximum drum winding capacity is given with two remaining wraps of rope on drum.
Drum winding capacities shown in smaller type for double line winch.

WARNING: Equipment described herein is not designed for, and should not be used for, lifting, supporting, or transporting humans. Modifications to upgrade, rerate, or otherwise alter the hoist equipment shall be authorized only by the original manufacturer or qualified professional engineer. Failure to comply with any one of the limitations noted herein may result in serious bodily injury.

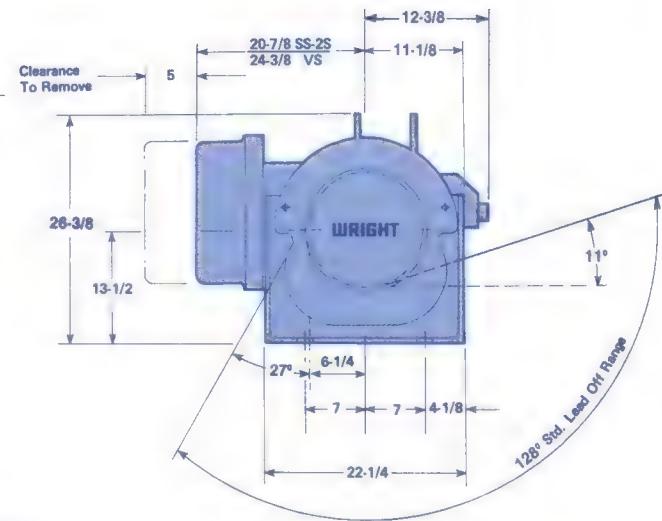
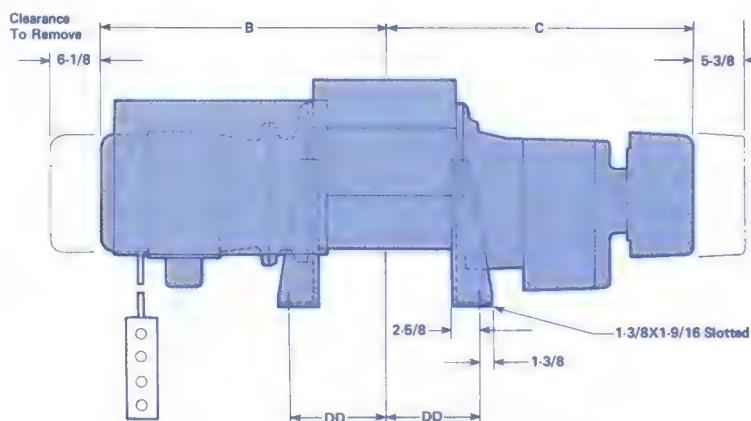


**WRIGHT® Work-rated
ELECTRIC WINCHES**

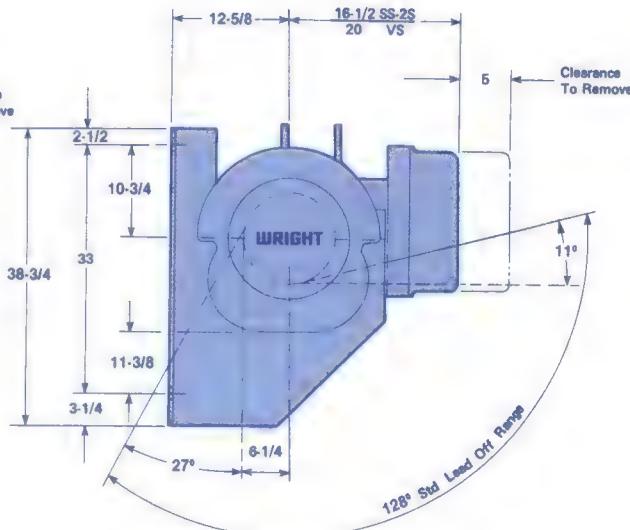
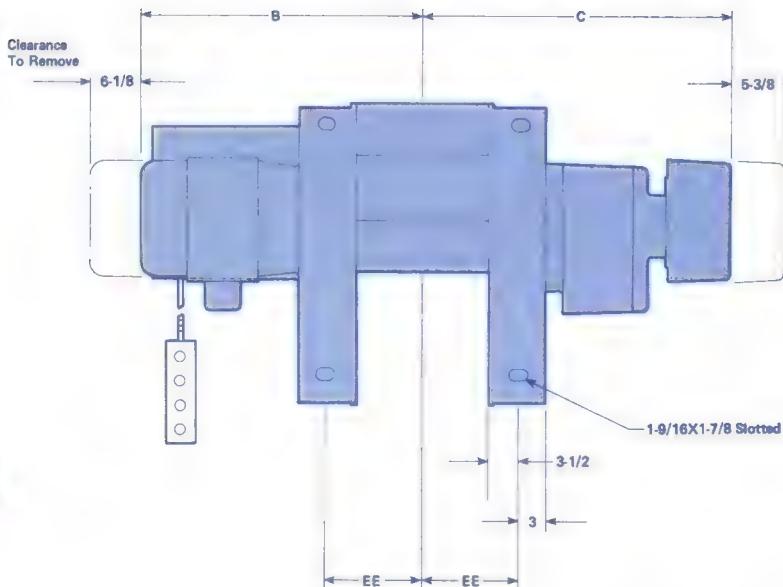
33-115 Issued 7-1-87

WINCHES
SINGLE LINE – WIRE ROPE SIZE-7/16"
DOUBLE LINE – WIRE ROPE SIZE-5/16"

**1 1/2
TON**



BASE MOUNTING



WALL MOUNTING

See facing page for additional dimensions. All dimensions shown in inches.

See page 33-102 for additional important information.

**WINCHES****SINGLE LINE – WIRE ROPE SIZE-1/2"****DOUBLE LINE – WIRE ROPE SIZE-3/8"**

33-116

PRODUCT NUMBERS AND CLEARANCES

Drum (a) Winding Capacity	Mtg.	Wire Rope Speed	60 60-20 60			80 80-27 80			DD	EE
			Winch Control	Single Speed	Two Speed	Variable Speed	Single Speed	Two Speed		
				HP	7-1/2	7-1/2-2-1/2	7-1/2	10		
36 H3	Base Wall	B C					3458030 3458100 3458170 3459290 3459360 3459430 25-1/2 30-5/8 30-5/8 28-7/8 28-7/8 28-7/8		6-7/8	7-7/8
36 H4	Base Wall	B C		3457820 3457890 3457960 3459080 3459150 3459220 24-5/8 28-3/4 24-3/4 28-7/8 28-7/8 28-7/8				6-7/8	7-7/8	
60 H3	Base Wall	B C					3458040 3458110 3458180 3459300 3459370 3459440 27-3/4 32-7/8 32-7/8 31-1/8 31-1/8 31-1/8	9-1/8	10-1/8	
60 H4	Base Wall	B C		3457830 3457900 3457970 3459090 3459160 3459230 26-7/8 30-7/8 27 31-1/8 31-1/8 31-1/8				9-1/8	10-1/8	
95 41 H3	Base Wall	B C					3458050 3458120 3458190 3459310 3459380 3459450 31 36-1/8 36-1/8 34-3/8 34-3/8 34-3/8	12-3/8	13-3/8	
95 41 H4	Base Wall	B C		3457840 3457910 3457980 3459100 3459170 3459240 30-1/8 34-1/8 30-1/4 34-3/8 34-3/8 34-3/8				12-3/8	13-3/8	
137 68 H3	Base Wall	B C					3458060 3458130 3458200 3459320 3459390 3459460 35 40-1/8 40-1/8 38-3/8 38-3/8 38-3/8	16-3/8	17-3/8	
137 68 H4	Base Wall	B C		3457850 3457920 3457990 3459110 3459180 3459250 34-1/8 38-1/8 34-1/4 38-3/8 38-3/8 38-3/8				16-3/8	17-3/8	
190 100 H3	Base Wall	B C					3458070 3458140 3458210 3459330 3459400 3459470 40 45-1/8 45-1/8 43-3/8 43-3/8 43-3/8	21-3/8	22-3/8	
190 100 H4	Base Wall	B C		3457860 3457930 3458000 3459120 3459190 3459260 39-1/8 43-1/8 39-1/4 43-3/8 43-3/8 43-3/8				21-3/8	22-3/8	
244 133 H3	Base Wall	B C					3458080 3458150 3458220 3459340 3459410 3459480 45 50-1/8 50-1/8 48-3/8 48-3/8 48-3/8	26-3/8	27-3/8	
244 133 H4	Base Wall	B C		3457870 3457940 3458010 3459130 3459200 3459270 44-1/8 48-1/8 44-1/4 48-3/8 48-3/8 48-3/8				26-3/8	27-3/8	

Add dimensions in inches.

Controls are shipped loose, mounting and final wiring by others at destination.

(a) Maximum drum winding capacity is given with two remaining wraps of rope on drum.
Drum winding capacities shown in smaller type are for double line winch.

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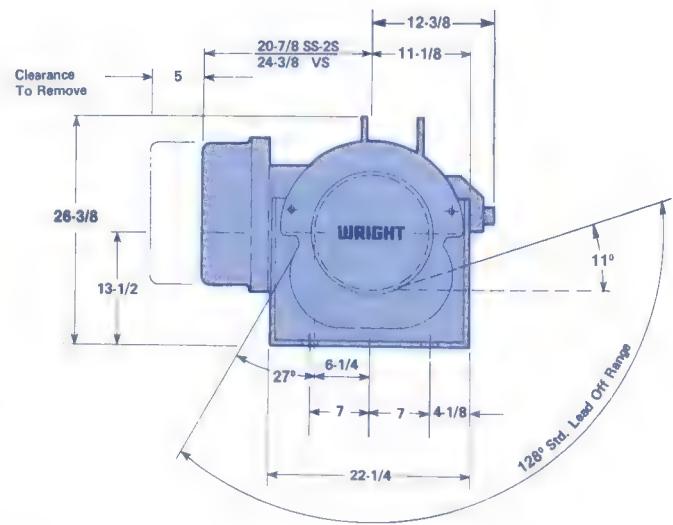
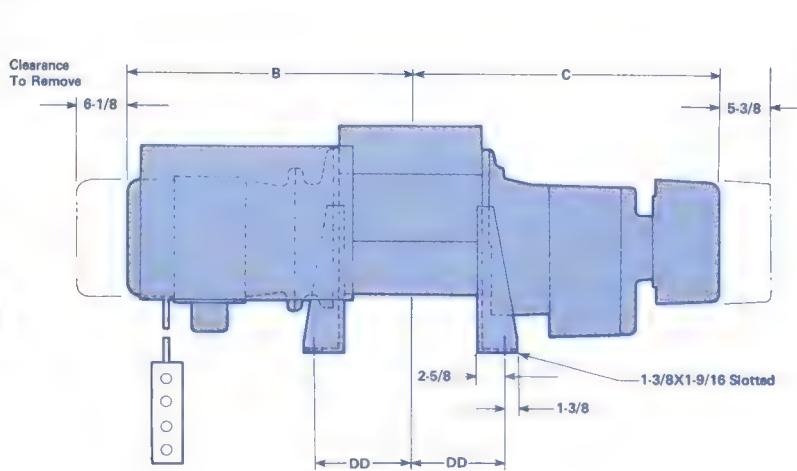


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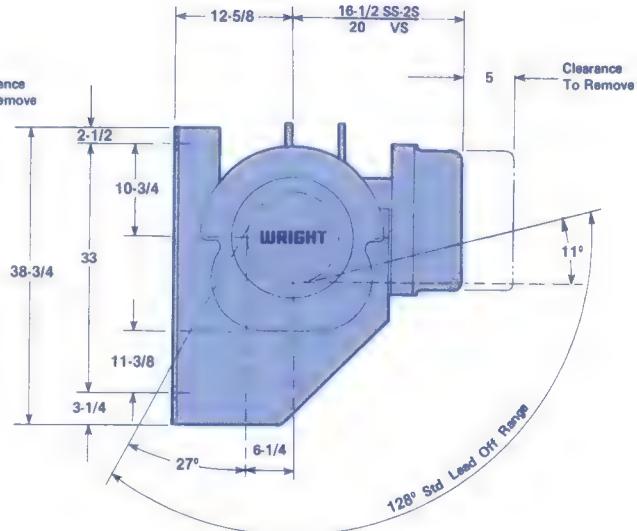
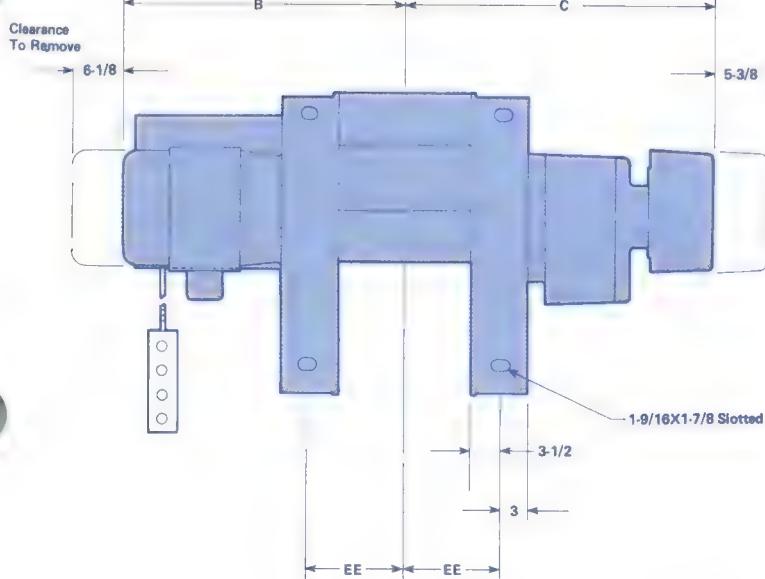
33-117 Issued 7-1-87

WINCHES
SINGLE LINE — WIRE ROPE SIZE-1/2"
DOUBLE LINE — WIRE ROPE SIZE-3/8"

**2
TON**



BASE MOUNTING



WALL MOUNTING

See facing page for additional dimensions. All dimensions shown in inches.
See page 33-102 for additional important information.



WINCHES

SINGLE LINE – WIRE ROPE SIZE-1/2"

DOUBLE LINE – WIRE ROPE SIZE-3/8"

33-118

H4

H3

PRODUCT NUMBERS AND CLEARANCES

Drum (a) Winding Capacity	Wire Rope Speed	44			60			DD	EE	
		Winch Control	Single Speed	Two Speed	Variable Speed	Single Speed	Two Speed			
		Mtg.	HP	7-1/2	7-1/2-2-1/2	7-1/2	10			
36	Base Wall	B C	3458240	3458310	3458380	3458450	3458520	3458590	6-7/8	7-7/8
			3459500	3459570	3459640	3459710	3459780	3459850		
			24-5/8	28-3/4	24-3/4	25-1/2	30-5/8	30-5/8		
60	Base Wall	B C	3458250	3458320	3458390	3458460	3458530	3458600	9-1/8	10-1/8
			3459510	3459580	3459650	3459720	3459790	3459860		
			26-7/8	30-7/8	27	27-3/4	32-7/8	32-7/8		
95 41	Base Wall	B C	3458260	3458330	3458400	3458470	3458540	3458610	12-3/8	13-3/8
			3459520	3459590	3459660	3459730	3459800	3459870		
			30-1/8	34-1/8	30-1/4	31	36-1/8	36-1/8		
137 68	Base Wall	B C	3458270	3458340	3458410	3458480	3458550	3458620	16-3/8	17-3/8
			3459530	3459600	3459670	3459740	3459810	3459880		
			34-1/8	38-1/8	34-1/4	35	40-1/8	40-1/8		
190 100	Base Wall	B C	3458280	3458350	3458420	3458490	3458560	3458630	21-3/8	22-3/8
			3459540	3459610	3459680	3459750	3459820	3459890		
			39-1/8	43-1/8	39-1/4	40	45-1/8	45-1/8		
244 133	Base Wall	B C	3458290	3458360	3458430	3458500	3458570	3458640	26-3/8	27-3/8
			3459550	3459620	3459690	3459760	3459830	3459900		
			44-1/8	48-1/8	44-1/4	45	50-1/8	50-1/8		
			48-3/8	48-3/8	48-3/8	48-3/8	48-3/8	48-3/8		

All dimensions in inches.

Controls are shipped loose, mounting and final wiring by others at destination.

(a) Maximum drum winding capacity is given with two remaining wraps of rope on drum.
Drum winding capacities shown in smaller type are for double line winch.

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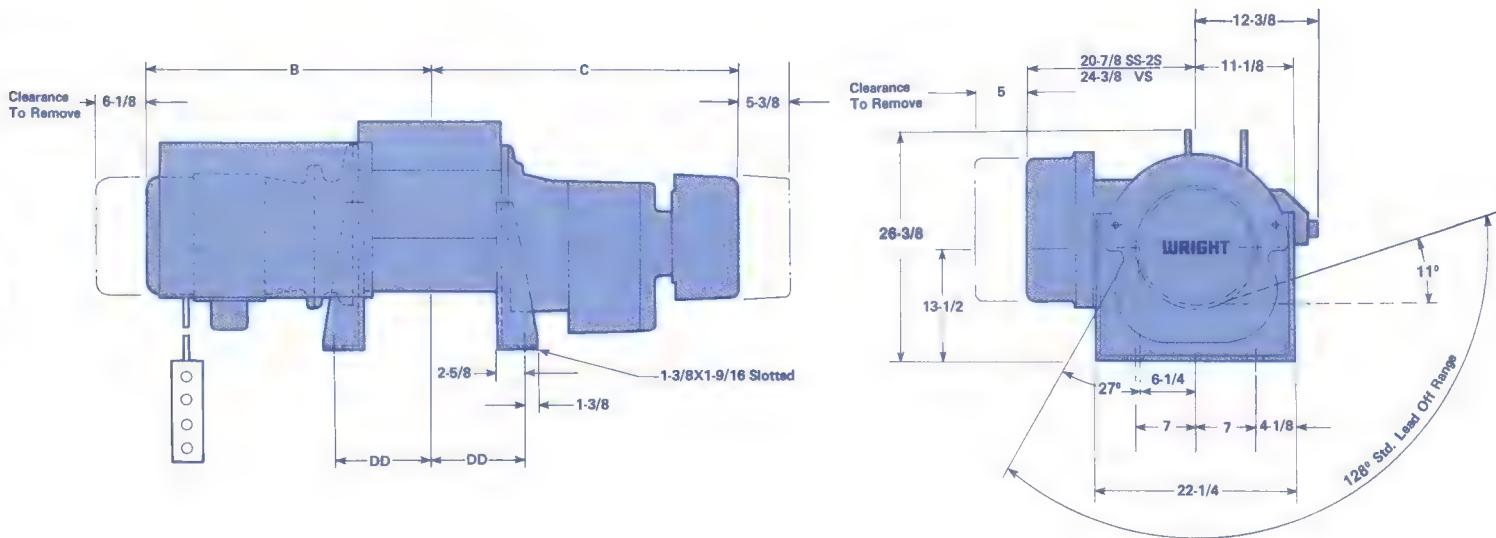


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ELECTRIC WINCHES**

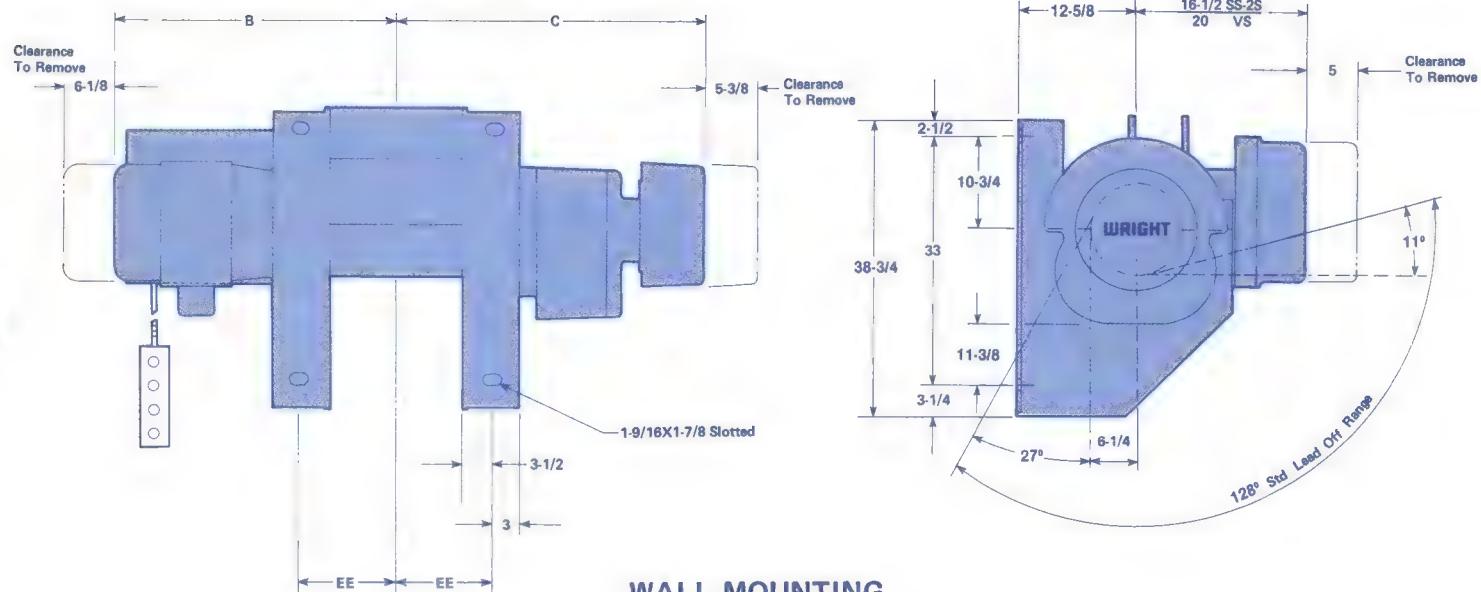
33-119 Issued 7-1-87

WINCHES
SINGLE LINE – WIRE ROPE SIZE-1/2"
DOUBLE LINE – WIRE ROPE SIZE-3/8"

**2 1/2
TON**



BASE MOUNTING



WALL MOUNTING

See facing page for additional dimensions. All dimensions shown in inches.

See page 33-102 for additional important information.

**WINCHES****SINGLE LINE – WIRE ROPE SIZE-1/2"****DOUBLE LINE – WIRE ROPE SIZE-7/16"**

33-120

Drum (a) Winding Capacity	Mtg.	Wire Rope Speed	PRODUCT NUMBERS AND CLEARANCES				
			80	80-27	80	120	
		Winch Control	Single Speed	Two Speed	Variable Speed	Variable Speed	
		HP	15	15-5	15	20	DD EE
63 H3	Base Wall	3511310	3511360	3511410	3511560	9-1/4	11-1/4
		3512210	3512260	3512310	3512460	28-1/8	33-1/2
		B C	34-3/4	34-3/4	34-3/4	33-1/2 34-3/4	
93 34 H3	Base Wall	3511320	3511370	3511420	3511570	11-1/2	13-1/2
		3512220	3512270	3512320	3512470	30-3/8	36
		B C	37	37	37	36 37	
148 62 H3	Base Wall	3511330	3511380	3511430	3511580	16-1/2	18-1/2
		3512230	3512280	3512330	3512480	35-3/8	41
		B C	42	42	42	41 42	
206 95 H3	Base Wall	3511340	3511390	3511440	3511590	21-1/2	23-1/2
		3512240	3512290	3512340	3512490	40-3/8	46
		B C	47	47	47	46 47	
276 136 H3	Base Wall	3511350	3511400	3511450	3511600	27-1/2	29-1/2
		3512250	3512300	3512350	3512500	46-3/8	52
		B C	53	53	53	52 53	

All dimensions in inches.

Controls are shipped loose, mounting and final wiring by others at destination.

(a) Maximum drum winding capacity is given with two remaining wraps of rope on drum.
Drum winding capacities shown in smaller type are for double line winch.

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ELECTRIC WINCHES**

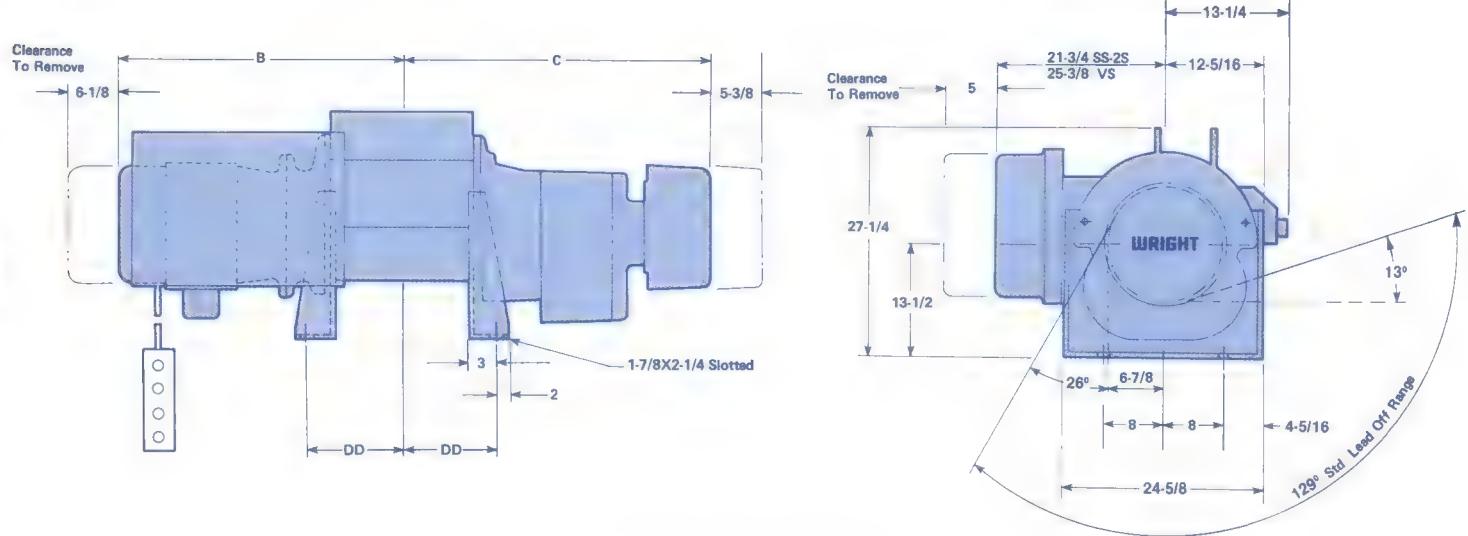
33-121 Issued 7-1-87

WINCHES

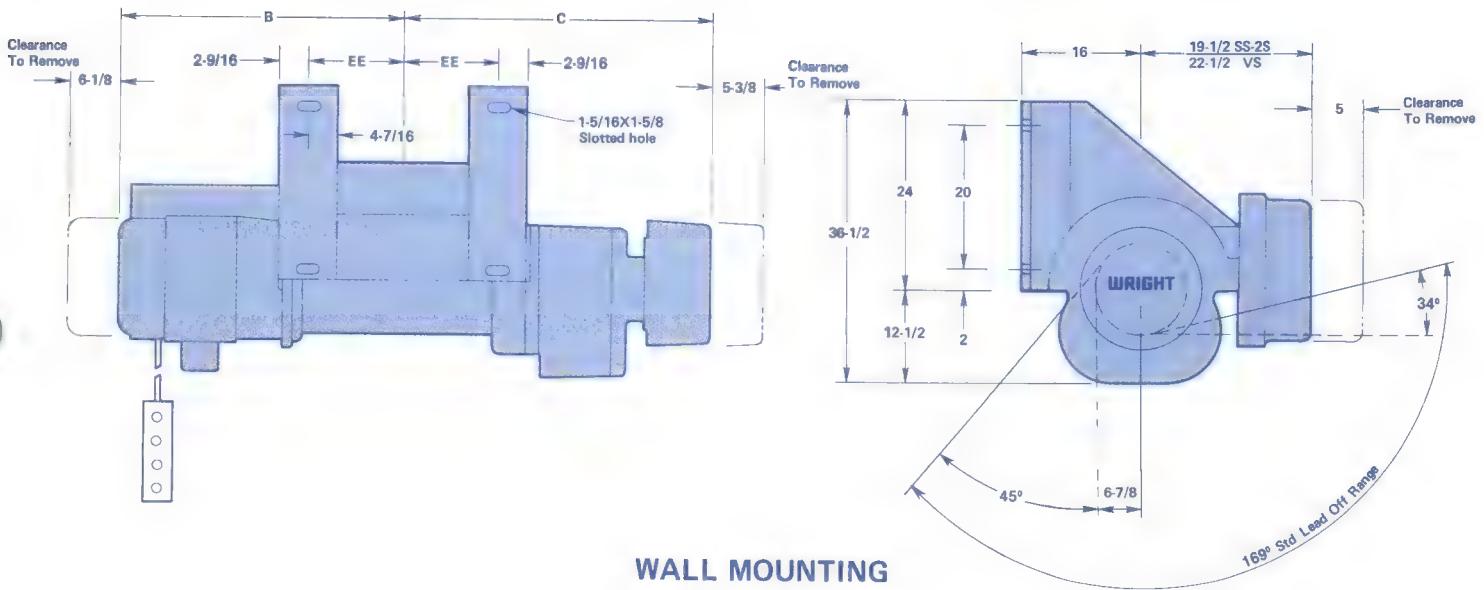
SINGLE LINE – WIRE ROPE SIZE-1/2"

DOUBLE LINE – WIRE ROPE SIZE-7/16"

**2 1/2
TON**



BASE MOUNTING



WALL MOUNTING

See facing page for additional dimensions. All dimensions shown in inches.

See page 33-102 for additional important information.

**WINCHES****SINGLE LINE – WIRE ROPE SIZE-5/8"****DOUBLE LINE – WIRE ROPE SIZE-7/16"**

33-122

PRODUCT NUMBERS AND CLEARANCES

Drum (a) Winding Capacity	Mtg.	Wire Rope Speed	44	44-15	44	80	80-27	80	DD	EE
			Winch Control	Single Speed	Two Speed	Variable Speed	Single Speed	Two Speed		
			HP	10	10-3-1/3	10	15	15-5		
52 H3	Base Wall	B C				3511760 3511810 3511860 3512660 3512710 3512760 30-1/4 33-1/2 33-1/2 34-3/4 34-3/4 34-3/4	9-1/4	11-1/4		
									9-1/4	11-1/4
52 H4	Base Wall	B C	3511610 3511660 3511710 3512510 3512560 3512610 28-1/8 33-1/2 33-1/2 34-3/4 34-3/4 34-3/4						9-1/4	11-1/4
									9-1/4	11-1/4
74 36 H3	Base Wall	B C				3511770 3511820 3511870 3512670 3512720 3512770 32-1/2 36 36 37 37 37	11-1/2	13-1/2		
									11-1/2	13-1/2
74 36 H4	Base Wall	B C	3511620 3511670 3511720 3512520 3512570 3512620 30-3/8 36 36 37 37 37						11-1/2	13-1/2
									11-1/2	13-1/2
124 62 H3	Base Wall	B C				3511780 3511830 3511880 3512680 3512730 3512780 37-1/2 41 41 42 42 42	16-1/2	18-1/2		
									16-1/2	18-1/2
124 62 H4	Base Wall	B C	3511630 3511680 3511730 3512530 3512580 3512630 35-3/8 41 41 42 42 42						16-1/2	18-1/2
									16-1/2	18-1/2
173 95 H3	Base Wall	B C				3511790 3511840 3511890 3512690 3512740 3512790 42-1/2 46 46 47 47 47	21-1/2	23-1/2		
									21-1/2	23-1/2
173 95 H4	Base Wall	B C	3511640 3511690 3511740 3512540 3512590 3512640 40-3/8 46 46 47 47 47						21-1/2	23-1/2
									21-1/2	23-1/2
232 136 H3	Base Wall	B C				3511800 3511850 3511900 3512700 3512750 3512800 48-1/2 52 52 53 53 53	27-1/2	29-1/2		
									27-1/2	29-1/2
232 136 H4	Base Wall	B C	3511650 3511700 3511750 3512550 3512600 3512650 46-3/8 52 52 53 53 53						27-1/2	29-1/2
									27-1/2	29-1/2

All dimensions in inches.

Controls are shipped loose, mounting and final wiring by others at destination.

(a) Maximum drum winding capacity is given with two remaining wraps of rope on drum.
Drum winding capacities shown in smaller type for double line winch.

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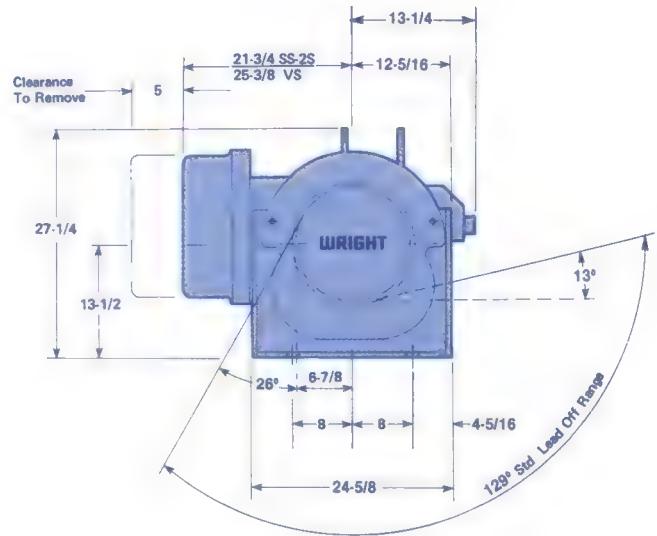
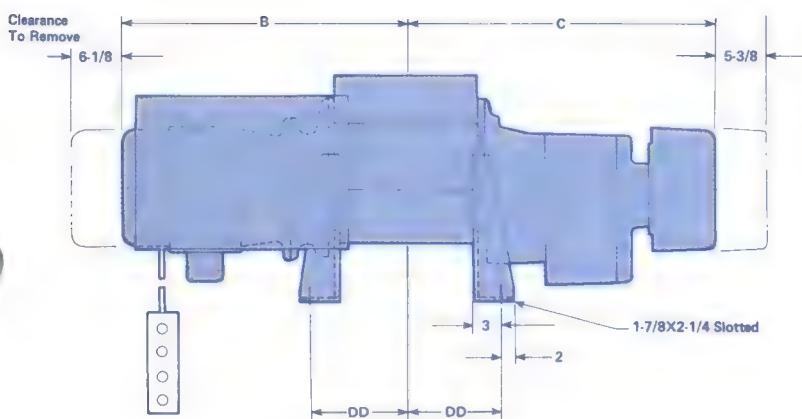


**WRIGHT® Work-rated
ELECTRIC WINCHES**

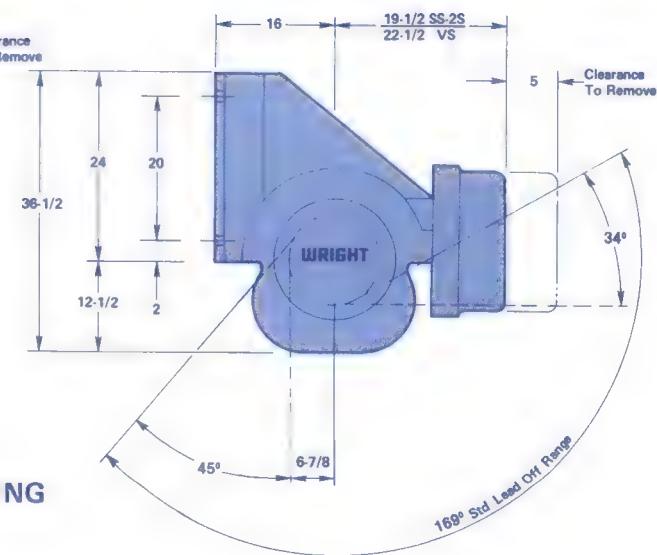
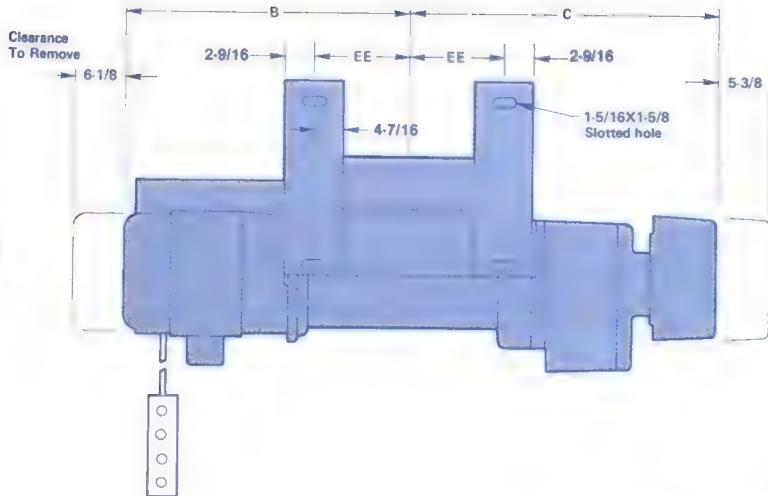
33-123 Issued 7-1-87

WINCHES
SINGLE LINE – WIRE ROPE SIZE-5/8"
DOUBLE LINE – WIRE ROPE SIZE-7/16"

**3
TON**



BASE MOUNTING



WALL MOUNTING

See facing page for additional dimensions. All dimensions shown in inches.
See page 33-102 for additional important information.

3
TON

WINCHES

SINGLE LINE – WIRE ROPE SIZE-9/16"

DOUBLE LINE – WIRE ROPE SIZE-7/16"

33-124

PRODUCT NUMBERS AND CLEARANCES

Drum (a) Winding Capacity	Mtg.	HP	Wire Rope Speed	80			80-27		80		100	120	DD EE	
				Winch Control		Single Speed	Two Speed	Variable Speed	Variable Speed	Variable Speed				
				15	15-5	15	20	25	20	25				
90		Base	B	3615560 33-3/8 38-1/4	3615620 34-7/8 38-1/4	3615680 34-5/8 38-1/4	3615740 34-5/8 38-1/4	3615800 36-1/8 38-1/4	15-1/4	15-3/4				
H3			C											
130		Base	B	3615570 36-3/8 41-1/4	3615630 37-7/8 41-1/4	3615690 37-5/8 41-1/4	3615750 37-5/8 41-1/4	3615810 39-1/8 41-1/4	18-1/4	18-3/4				
58			C											
H3														
167		Base	B	3615580 39-3/8 44-1/4	3615640 40-7/8 44-1/4	3615700 40-5/8 44-1/4	3615760 40-5/8 44-1/4	3615820 42-1/8 44-1/4	21-1/4	21-3/4				
80			C											
H3														
205		Base	B	3615590 42-3/8 47-1/4	3615650 43-7/8 47-1/4	3615710 43-5/8 47-1/4	3615770 43-5/8 47-1/4	3615830 45-1/8 47-1/4	24-1/4	24-3/4				
102			C											
H3														
281		Base	B	3615600 48-3/8 53-1/4	3615660 49-7/8 53-1/4	3615720 49-5/8 53-1/4	3615780 49-5/8 53-1/4	3615840 51-1/8 53-1/4	30-1/4	30-3/4				
146			C											
H3														
356		Base	B	3615610 53-1/2 59-1/4	3615670 54-3/8 59-1/4	3615730 54-3/4 59-1/4	3615790 55-5/8 59-1/4	3615850 57-1/8 59-1/4	36-1/4	36-3/4				
190			C											
H3														

All dimensions in inches.

Controls are shipped loose, mounting and final wiring by others at destination.

(a) Maximum drum winding capacity is given with two remaining wraps of rope on drum.
Drum winding capacities shown in smaller type are for double line winch.

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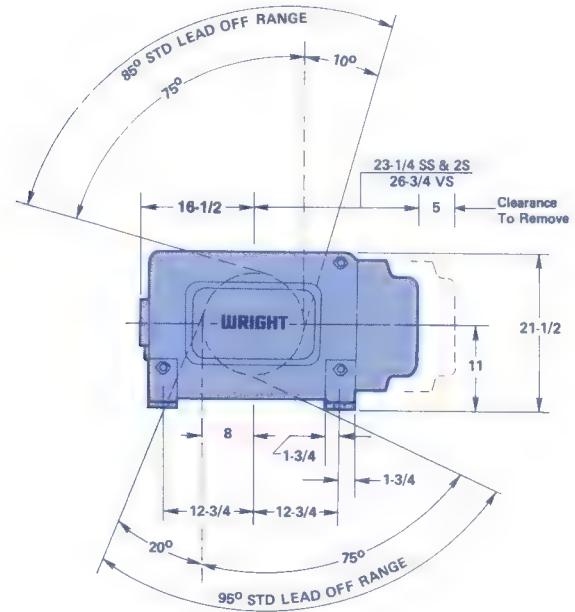
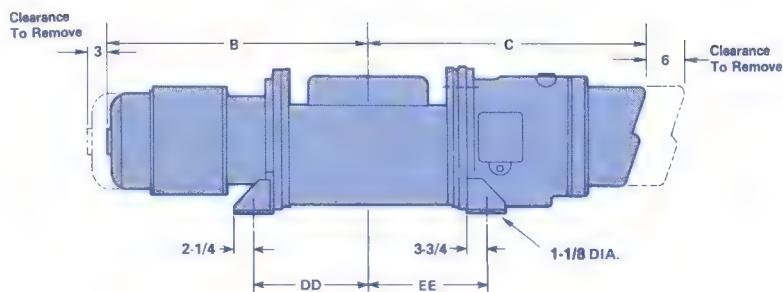


**WRIGHT® Work-rated
ELECTRIC WINCHES**

33-125 Issued 7-1-87

WINCHES
SINGLE LINE – WIRE ROPE SIZE-9/16"
DOUBLE LINE – WIRE ROPE SIZE-7/16"

**3
TON**



See facing page for additional dimensions. All dimensions shown in inches.
See page 33-102 for additional important information.



WINCHES

SINGLE LINE – WIRE ROPE SIZE-5/8"

DOUBLE LINE – WIRE ROPE SIZE-1/2"

33-126

Drum (a) Winding Capacity		Mtg.	Wire Rope Speed	PRODUCT NUMBERS AND CLEARANCES						DD	EE	
				44 44-15 44			60 60-20 60					
				Winch Control	Single Speed	Two Speed	Variable Speed	Single Speed	Two Speed	Variable Speed		
52	Base Wall	H3	HP	10	10-3-1/3	10		15	15-5	15	9-1/4	11-1/4
74	Base Wall		B	3511910	3511960	3512010	3512060	3512110	3512160			
22			C	3512810	3512860	3512910	3512960	3513010	3513060			
123	Base Wall	H3	B	28-1/8	33-1/2	33-1/2	30-1/4	33-1/2	33-1/2	11-1/2	13-1/2	
52			C	34-3/4	34-3/4	34-3/4	34-3/4	34-3/4	34-3/4			
173	Base Wall		B	3511920	3511970	3512020	3512070	3512120	3512170			
82		H3	C	3512820	3512870	3512920	3512970	3513020	3513070	16-1/2	18-1/2	
232	Base Wall		B	30-3/8	36	36	32-1/2	36	36			
117			C	37	37	37	37	37	37			
232	Base Wall	H3	B	3511930	3511980	3512030	3512080	3512130	3512180	21-1/2	23-1/2	
117			C	3512830	3512880	3512930	3512980	3513030	3513080			
173	Base Wall		B	35-3/8	41	41	37-1/2	41	41			
82		H3	C	42	42	42	42	42	42			
232	Base Wall		B	3511940	3511990	3512040	3512090	3512140	3512190	27-1/2	29-1/2	
117			C	3512840	3512890	3512940	3512990	3513040	3513090			
232	Base Wall	H3	B	40-3/8	46	46	42-1/2	46	46			
117			C	47	47	47	47	47	47			
232	Base Wall		B	3511950	3512000	3512050	3512100	3512150	3512200			
117		H3	C	3512850	3512900	3512950	3513000	3513050	3513100			
232	Base Wall		B	46-3/8	52	52	48-1/2	52	52			
117			C	53	53	53	53	53	53			

Dimensions shown in inches.

Controls are shipped loose, mounting and final wiring by others at destination.

(a) Maximum drum winding capacity is given with two remaining wraps of rope on drum.
Drum winding capacities shown in smaller type are for double line winch.

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ELECTRIC WINCHES

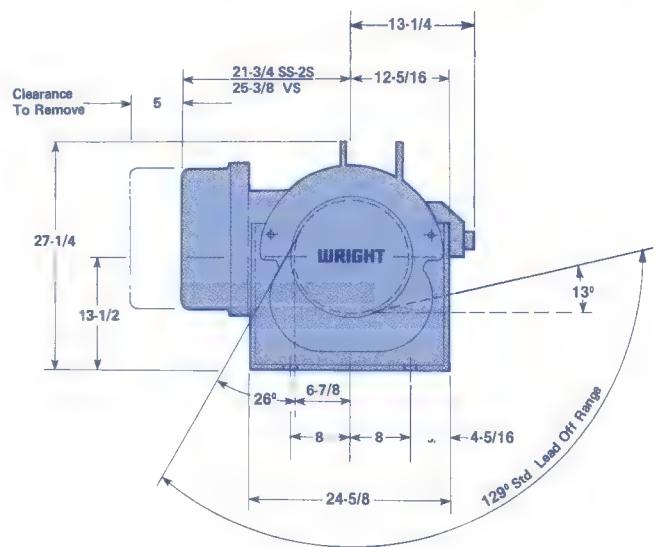
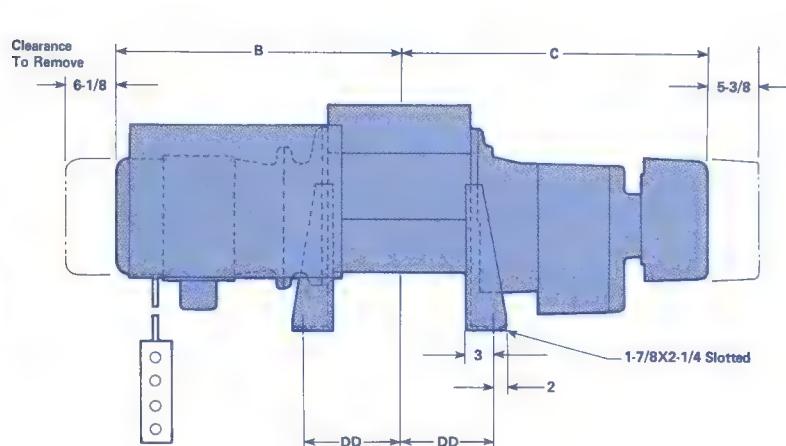
33-127 Issued 7-1-87

WINCHES

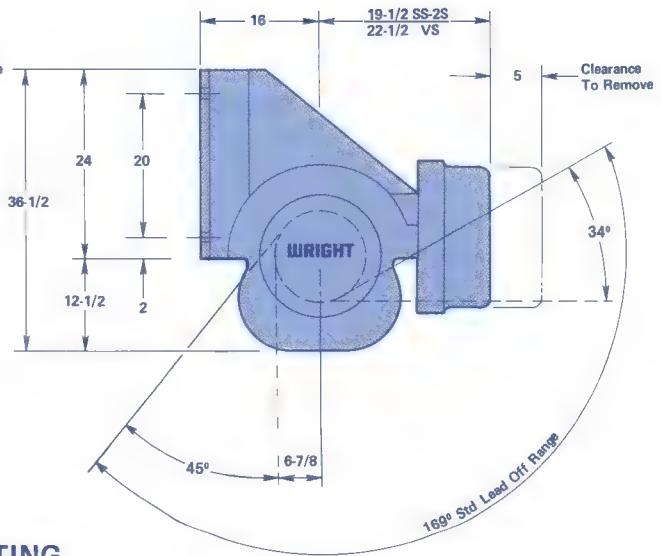
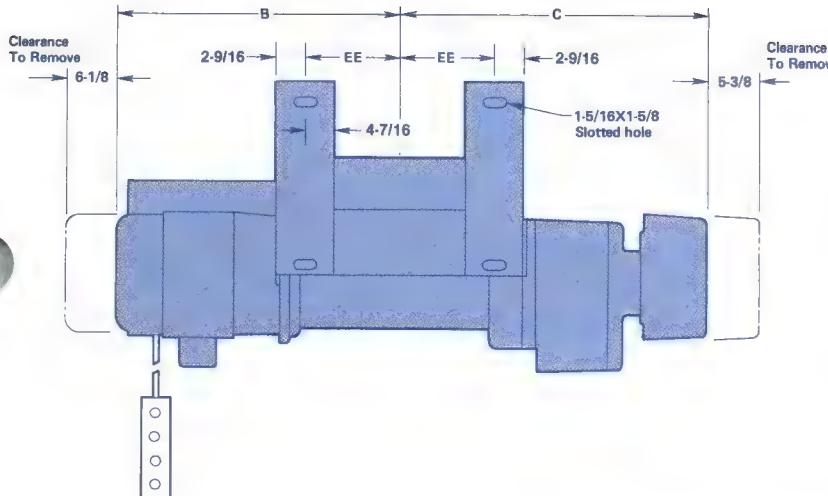
SINGLE LINE - WIRE ROPE SIZE-5/8"

DOUBLE LINE - WIRE ROPE SIZE-1/2"

3 3/4
TON



BASE MOUNTING



WALL MOUNTING

See facing page for additional dimensions. All dimensions shown in inches.

See page 33-102 for additional important information.

3 3/4
TON

WINCHES

SINGLE LINE – WIRE ROPE SIZE-5/8"

DOUBLE LINE – WIRE ROPE SIZE-1/2"

33-128

H4 H3 H3

PRODUCT NUMBERS AND CLEARANCES

Drum (a) Winding Capacity	Mtg.	Base	Wire Rope Speed	60	60-20	60	80	100	DD EE	
				Winch Control	Single Speed	Two Speed	Variable Speed	Variable Speed		
				HP	15	15-5	15	20		
82 30			B	3615860 33-3/8 38-1/4	3615920 34-7/8 38-1/4	3615980 34-5/8 38-1/4	3616040 34-5/8 38-1/4	3616100 36-1/8 38-1/4	15-1/4	15-3/4
118 50			C	3615870 36-3/8 41-1/4	3615930 37-7/8 41-1/4	3615990 37-5/8 41-1/4	3616050 37-5/8 41-1/4	3616110 39-1/8 41-1/4	18-1/4	18-3/4
153 71			B	3615880 39-3/8 44-1/4	3615940 40-7/8 44-1/4	3616000 40-5/8 44-1/4	3616060 40-5/8 44-1/4	3616120 42-1/8 44-1/4	21-1/4	21-3/4
187 91			C	3615890 42-3/8 47-1/4	3615950 43-7/8 47-1/4	3616010 43-5/8 47-1/4	3616070 43-5/8 47-1/4	3616130 45-1/8 47-1/4	24-1/4	24-3/4
256 132			B	3615900 48-3/8 53-1/4	3615960 49-7/8 53-1/4	3616020 49-5/8 53-1/4	3616080 49-5/8 53-1/4	3616140 51-1/8 53-1/4	30-1/4	30-3/4
325 172			C	3615910 53-1/2 59-1/4	3615970 54-3/8 59-1/4	3616030 54-3/4 59-1/4	3616090 55-5/8 59-1/4	3616150 57-1/8 59-1/4	36-1/4	36-3/4

All dimensions in inches.

Controls are shipped loose, mounting and final wiring by others at destination.

(a) Maximum drum winding capacity is given with two remaining wraps of rope on drum.
Drum winding capacities shown in smaller type are for double line winch.

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ELECTRIC WINCHES**

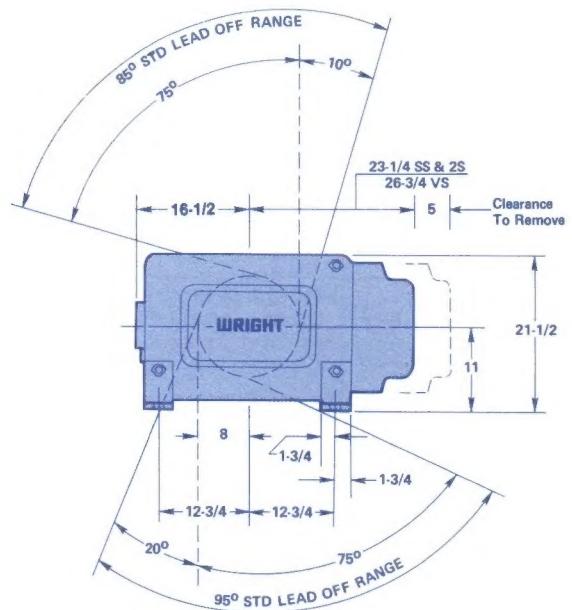
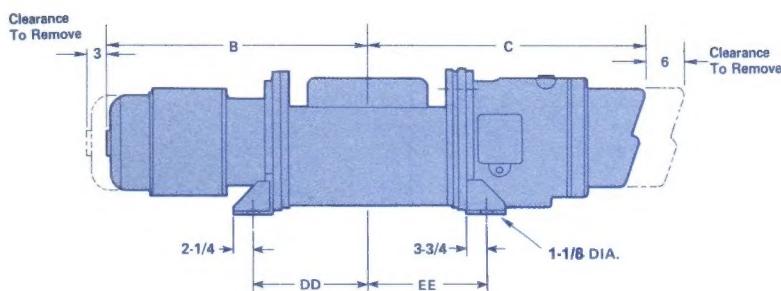
33-129 Issued 7-1-87

WINCHES

SINGLE LINE – WIRE ROPE SIZE-5/8"

DOUBLE LINE – WIRE ROPE SIZE-1/2"

**3 3/4
TON**



See facing page for additional dimensions. All dimensions shown in inches.

See page 33-102 for additional important information.

**5
TON****WINCHES****SINGLE LINE – WIRE ROPE SIZE-3/4"****DOUBLE LINE – WIRE ROPE SIZE-9/16"**

33-130

H4 H3 H3**PRODUCT NUMBERS AND CLEARANCES**

Drum (a) Winding Capacity	Mtg.	Wire Rope Speed	40 40-20 40			60	80	DD EE	
			Single Speed	Two Speed	Variable Speed				
		Winch Control	HP	15*	15-7-1/2**	15*	20	25	
67 26	Base	B	3616160 33-3/8	3616220 34-7/8	3616280 34-5/8	3616340 34-5/8	3616400 36-1/8	15-1/4	15-3/4
95 45	Base	C	38-1/4	38-1/4	38-1/4	38-1/4	38-1/4	18-1/4	18-3/4
	Base	B	3616170 36-3/8	3616230 37-7/8	3616290 37-5/8	3616350 37-5/8	3616410 39-1/8	21-1/4	21-3/4
		C	41-1/4	41-1/4	41-1/4	41-1/4	41-1/4		
151 83	Base	B	3616180 39-3/8	3616240 40-7/8	3616300 40-5/8	3616360 40-5/8	3616420 42-1/8	24-1/4	24-3/4
		C	44-1/4	44-1/4	44-1/4	44-1/4	44-1/4		
208 121	Base	B	3616190 42-3/8	3616250 43-7/8	3616310 43-5/8	3616370 43-5/8	3616430 45-1/8	30-1/4	30-3/4
		C	47-1/4	47-1/4	47-1/4	47-1/4	47-1/4		
265 159	Base	B	3616200 54-3/8	3616260 55-7/8	3616320 55-5/8	3616380 55-5/8	3616440 57-1/8	36-1/4	36-3/4
		C	53-1/4	53-1/4	53-1/4	53-1/4	53-1/4		
3616210 59-1/4	3616270 59-1/4	3616330 59-1/4	3616390 59-1/4	3616450 59-1/4					

All dimensions in inches.

Controls are shipped loose, mounting and final wiring by others at destination.

(a) Maximum drum winding capacity is given with two remaining wraps of rope on drum.
Drum winding capacities shown in smaller type are for double line winch.

* 1200 RPM MOTORS

**1200/600 RPM MOTORS

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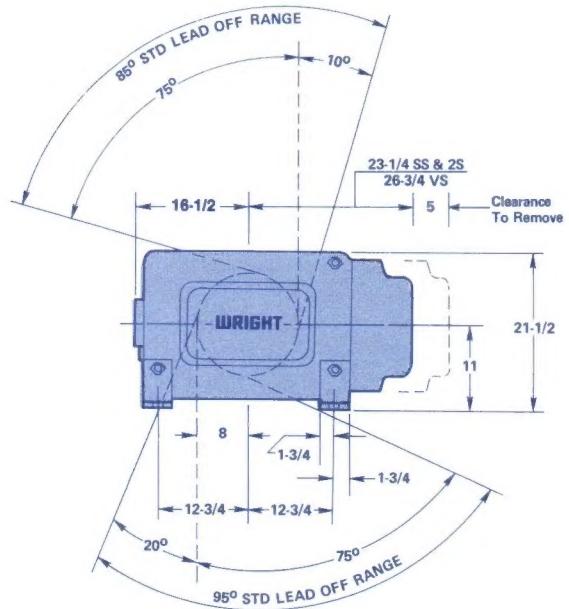
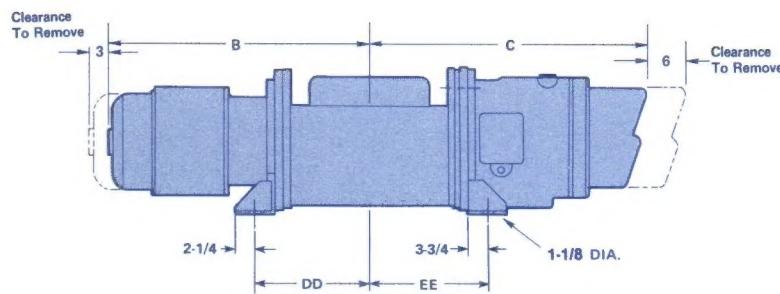


**WRIGHT® Work-rated
ELECTRIC WINCHES**

33-131 Issued 7-1-87

WINCHES
SINGLE LINE – WIRE ROPE SIZE-3/4"
DOUBLE LINE – WIRE ROPE SIZE-9/16"

**5
TON**



See facing page for additional dimensions. All dimensions shown in inches.

See page 33-102 for additional important information.

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